



## **CAPITAL IMPROVEMENT PROGRAM (CIP)**

### **PROJECT DETAIL**

**2018-2022**

COUNCIL PRESENTATION

NOVEMBER 6, 2017

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**CITY MANAGER'S OFFICE**  
**CITY OF NEWARK**

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October 4, 2017

TO: Planning Commission Members

VIA: Mary Ellen Gray, Planning and Development Director *ME Gray*

FROM : Thomas Coleman, Acting City Manager *TC*  
David Del Grande, Director of Finance *DD*

RE: Submission of the 2018-2022 Capital Improvement Plan

The first draft of the 2018-2022 Capital Improvement Plan (CIP) for the City of Newark is attached for your review in advance of the October 11, 2017 meeting of the Planning Commission. The City's Charter requires that a listing of all planned capital improvements be submitted to the Mayor and Council on an annual basis. The CIP document is being provided for your review and consideration pursuant to Section 2-89 of the City Code, which requires that the Planning Commission, after considering the advice of the Planning Director, advise City Council on expenditures for capital improvements where such improvements refer to a matter covered by the comprehensive plan.

The CIP document is a planning tool for projects and purchases that have a life expectancy of over six years and/or a cost of more than \$20,000, although exceptions to this rule may apply for reasons of funding type or purpose. The CIP document as presented here or as modified during the ongoing budget preparation process will also be presented to Newark's Mayor and Council with the overall operating budget for 2018.

The projects and purchases presented were developed over months of departmental research and prioritization, including numerous administrative budget hearings. The projects represent the recommendations of our department directors and our financial and administrative staff. Additionally, it is deemed that the projects and purchases are of a level that we can achieve and that are in the best interest of our community. On each detail sheet, it is noted how the respective project aligns with the City's Comprehensive Plan vision elements, provides code references for certain required projects, and provides the estimated operating impact resulting from the project, if applicable. The 2018 CIP budget was cut significantly from prior years and shows a significant amount of debt financing. It is our intent to restore some of the project funding for infrastructure projects pending Council discussion on bond financing, which will allow us to align long-term project costs with their expected useful lives.

Your review of this document is sincerely appreciated, and we look forward to presenting the highlights and answering any questions you have on the evening of October 11, 2017. In an effort to maximize efficiencies, save money, and "be green," this document is being provided electronically only and will be posted to the City's website for reference. If you prefer a bound copy, please reply and we will construct and deliver a hard copy to you.

Attachments

CITY OF NEWARK, DELAWARE  
CAPITAL IMPROVEMENTS PROGRAM SUMMARY  
2018 -2022

FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM (with current year amended budget)

|                                  | AMENDED<br>BUDGET<br>2017 | -----2018-----              |                     | P R O P O S E D   B U D G E T S |                      |                     |                     |                     | TOTAL<br>PROPOSED<br>AMOUNTS |
|----------------------------------|---------------------------|-----------------------------|---------------------|---------------------------------|----------------------|---------------------|---------------------|---------------------|------------------------------|
|                                  |                           | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING  | 2018                            | 2019                 | 2020                | 2021                | 2022                |                              |
| ELECTRIC FUND                    | \$ 1,765,500              | \$ 881,500                  | \$ 825,000          | \$ 1,706,500                    | \$ 1,383,500         | \$ 697,000          | \$ 360,000          | \$ 580,000          | \$ 4,727,000                 |
| WATER FUND                       | 3,058,880                 | 3,953,500                   | -                   | 3,953,500                       | 1,948,000            | 2,433,000           | 3,974,000           | 1,224,000           | 13,532,500                   |
| SEWER FUND                       | 1,013,675                 | 1,336,701                   | -                   | 1,336,701                       | 800,000              | 1,000,000           | 800,000             | 800,000             | 4,736,701                    |
| STORMWATER FUND                  | 450,000                   | 3,358,000                   | 420,000             | 3,778,000                       | 3,942,375            | 503,050             | 576,203             | 550,513             | 9,350,141                    |
| PUBLIC WORKS-GENERAL FUND        | 2,438,000                 | 1,655,671                   | -                   | 1,655,671                       | 2,215,150            | 1,781,395           | 2,289,736           | 1,898,178           | 9,840,130                    |
| POLICE DEPARTMENT                | 381,818                   | 325,492                     | -                   | 325,492                         | 479,798              | 64,149              | 153,485             | 89,420              | 1,112,344                    |
| PARKS & RECREATION DEPARTMENT    | 672,034                   | 704,000                     | -                   | 704,000                         | 1,770,000            | 552,000             | 1,218,000           | 948,000             | 5,192,000                    |
| PARKING FUND                     | 309,590                   | 248,490                     | -                   | 248,490                         | 21,000               | 28,000              | 105,000             | -                   | 402,490                      |
| INFORMATION TECHNOLOGY DIVISION  | 562,500                   | 82,500                      | 120,000             | 202,500                         | 252,500              | 332,500             | 32,500              | -                   | 820,000                      |
| PUBLIC WORKS-MAINTENANCE FUND    | 442,549                   | 422,549                     | 30,000              | 452,549                         | 414,000              | 25,000              | -                   | -                   | 891,549                      |
| OTHER DEPARTMENTS                | 50,000                    | 52,000                      | -                   | 52,000                          | 70,000               | 25,000              | 25,000              | -                   | 172,000                      |
|                                  | <u>\$ 11,144,546</u>      | <u>\$ 13,020,403</u>        | <u>\$ 1,395,000</u> | <u>\$ 14,415,403</u>            | <u>\$ 13,296,323</u> | <u>\$ 7,441,094</u> | <u>\$ 9,533,924</u> | <u>\$ 6,090,111</u> | <u>\$ 50,776,855</u>         |
| <u>PLANNED FINANCING SOURCES</u> |                           |                             |                     |                                 |                      |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS       | \$ 11,144,546             | \$ 13,020,403               | \$ 1,395,000        | \$ 14,415,403                   | \$ 13,296,323        | \$ 7,441,094        | \$ 9,533,924        | \$ 6,090,111        | \$ 50,776,855                |
| LESS: USE OF RESERVES            | (4,722,228)               | (1,931,500)                 | -                   | (1,931,500)                     | (45,000)             | -                   | -                   | -                   | (1,976,500)                  |
| VEHICLE & EQUIPMENT REPLACEMENT  | (1,172,318)               | (1,017,492)                 | -                   | (1,017,492)                     | (1,899,673)          | (791,149)           | (761,485)           | (239,420)           | (4,709,219)                  |
| GRANTS                           | (945,000)                 | (1,204,721)                 | -                   | (1,204,721)                     | (1,276,671)          | (666,671)           | (566,671)           | (516,671)           | (4,231,405)                  |
| BOND ISSUES                      | -                         | (937,690)                   | -                   | (937,690)                       | (462,500)            | (494,500)           | (352,500)           | (238,000)           | (2,485,190)                  |
| OTHER FINANCING SOURCES          | (150,000)                 | (7,929,000)                 | -                   | (7,929,000)                     | (4,970,000)          | (1,970,000)         | (3,050,000)         | (950,000)           | (18,869,000)                 |
| NET CAPITAL IMPROVEMENTS         | <u>\$ 4,155,000</u>       | <u>\$ -</u>                 | <u>\$ 1,395,000</u> | <u>\$ 1,395,000</u>             | <u>\$ 4,642,479</u>  | <u>\$ 3,518,774</u> | <u>\$ 4,803,268</u> | <u>\$ 4,146,020</u> | <u>\$ 18,505,541</u>         |

**CITY OF NEWARK, DELAWARE**  
**SUMMARY OF VEHICLE AND EQUIPMENT REPLACEMENT PROGRAM SCHEDULE**  
**CAPITAL PROGRAM YEARS 2018 - 2022**

| VEHICLES BY DEPT/DIVISION         | REPLACEMENT COSTS   |                     |                   |                   |                   | TOTAL               |
|-----------------------------------|---------------------|---------------------|-------------------|-------------------|-------------------|---------------------|
|                                   | 2018                | 2019                | 2020              | 2021              | 2022              |                     |
| ELECTRIC                          | \$ 340,000          | \$ 400,500          | \$ 302,000        | \$ -              | \$ -              | \$ 1,042,500        |
| PWWR - WATER DIVISION             | -                   | 20,000              | 230,000           | 75,000            | -                 | 325,000             |
| PWWR - STORMWATER DIVISION        | 18,000              | 161,375             | -                 | -                 | -                 | 179,375             |
| PWWR - REFUSE DIVISION            | -                   | 220,000             | -                 | 480,000           | -                 | 700,000             |
| PWWR - STREET DIVISION            | 190,000             | 175,000             | -                 | -                 | 60,000            | 425,000             |
| PWWR - ENGINEERING DIVISION       | -                   | 67,000              | -                 | -                 | -                 | 67,000              |
| POLICE                            | 184,000             | 445,000             | 30,000            | 96,000            | 50,000            | 805,000             |
| PARKS                             | 62,000              | 245,000             | 25,000            | 28,000            | 90,000            | 450,000             |
| PARKING                           | -                   | 21,000              | 28,000            | -                 | -                 | 49,000              |
| PWWR - FLEET MAINTENANCE          | -                   | 40,000              | -                 | -                 | -                 | 40,000              |
| FACILITIES MAINTENANCE            | 30,000              | -                   | -                 | -                 | -                 | 30,000              |
| OTHER DEPARTMENTS                 | 52,000              | 70,000              | 25,000            | 25,000            | -                 | 172,000             |
| SUB-TOTAL FOR VEHICLES            | \$ 876,000          | \$ 1,864,875        | \$ 640,000        | \$ 704,000        | \$ 200,000        | \$ 4,284,875        |
| <u>EQUIPMENT BY DEPT/DIVISION</u> |                     |                     |                   |                   |                   |                     |
| POLICE                            | 141,492             | 34,798              | 34,149            | 57,485            | 39,420            | 307,344             |
| INFORMATION TECHNOLOGY            | -                   | -                   | 117,000           | -                 | -                 | 117,000             |
| SUB-TOTAL FOR EQUIPMENT           | \$ 141,492          | \$ 34,798           | \$ 151,149        | \$ 57,485         | \$ 39,420         | \$ 424,344          |
| TOTAL REPLACEMENT PROGRAM         | <u>\$ 1,017,492</u> | <u>\$ 1,899,673</u> | <u>\$ 791,149</u> | <u>\$ 761,485</u> | <u>\$ 239,420</u> | <u>\$ 4,709,219</u> |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**FIVE YEAR PROPOSED SUMMARY BY FUND - GOVERNMENTAL FUNDS (with current year amended budget)**

|                                    | AMENDED<br>BUDGET<br>2017 | -----2018----- <br>RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | PROPOSED BUDGETS  |                     |                     |                     |                     | TOTAL<br>PROPOSED<br>AMOUNTS |
|------------------------------------|---------------------------|------------------------------------------------|--------------------|-------------------|---------------------|---------------------|---------------------|---------------------|------------------------------|
|                                    |                           |                                                |                    | 2018              | 2019                | 2020                | 2021                | 2022                |                              |
| <b>COMMUNITY DEVELOPMENT FUND:</b> |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS         | \$ 30,000                 | \$ 25,000                                      | \$ -               | \$ 25,000         | \$ 30,000           | \$ 30,000           | \$ 30,000           | \$ 30,000           | \$ 145,000                   |
| LESS: USE OF RESERVES              | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| VEHICLE & EQUIPMENT REPLACEMENT    | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| GRANTS                             | (30,000)                  | (25,000)                                       | -                  | (25,000)          | (30,000)            | (30,000)            | (30,000)            | (30,000)            | (145,000)                    |
| BOND ISSUES                        | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| OTHER FINANCING SOURCES            | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| NET CAPITAL IMPROVEMENTS           | <u>\$ -</u>               | <u>\$ -</u>                                    | <u>\$ -</u>        | <u>\$ -</u>       | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>                  |
| <b>LAW ENFORCEMENT FUND:</b>       |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS         | \$ -                      | \$ -                                           | \$ -               | \$ -              | \$ -                | \$ -                | \$ -                | \$ -                | \$ -                         |
| LESS: USE OF RESERVES              | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| VEHICLE & EQUIPMENT REPLACEMENT    | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| GRANTS                             | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| BOND ISSUES                        | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| OTHER FINANCING SOURCES            | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| NET CAPITAL IMPROVEMENTS           | <u>\$ -</u>               | <u>\$ -</u>                                    | <u>\$ -</u>        | <u>\$ -</u>       | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>                  |
| <b>PARKS SPECIAL REVENUE FUND:</b> |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS         | \$ -                      | \$ -                                           | \$ -               | \$ -              | \$ -                | \$ -                | \$ -                | \$ -                | \$ -                         |
| LESS: USE OF RESERVES              | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| VEHICLE & EQUIPMENT REPLACEMENT    | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| GRANTS                             | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| BOND ISSUES                        | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| OTHER FINANCING SOURCES            | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| NET CAPITAL IMPROVEMENTS           | <u>\$ -</u>               | <u>\$ -</u>                                    | <u>\$ -</u>        | <u>\$ -</u>       | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>                  |
| <b>CAPITAL PROJECTS FUND:</b>      |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS         | \$ 4,074,352              | \$ 2,794,663                                   | \$ 120,000         | \$ 2,914,663      | \$ 4,757,448        | \$ 2,725,044        | \$ 3,688,721        | \$ 2,905,598        | \$ 16,991,474                |
| LESS: USE OF RESERVES              | (2,305,534)               | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| VEHICLE & EQUIPMENT REPLACEMENT    | (853,818)                 | (629,492)                                      | -                  | (629,492)         | (1,256,798)         | (231,149)           | (686,485)           | (239,420)           | (3,043,344)                  |
| GRANTS                             | (915,000)                 | (1,047,221)                                    | -                  | (1,047,221)       | (1,126,671)         | (486,671)           | (486,671)           | (486,671)           | (3,633,905)                  |
| BOND ISSUES                        | -                         | (263,950)                                      | -                  | (263,950)         | (237,500)           | (494,500)           | (352,500)           | (238,000)           | (1,586,450)                  |
| OTHER FINANCING SOURCES            | -                         | (854,000)                                      | -                  | (854,000)         | (450,000)           | (150,000)           | (150,000)           | (150,000)           | (1,754,000)                  |
| NET CAPITAL IMPROVEMENTS           | <u>\$ -</u>               | <u>\$ -</u>                                    | <u>\$ 120,000</u>  | <u>\$ 120,000</u> | <u>\$ 1,686,479</u> | <u>\$ 1,362,724</u> | <u>\$ 2,013,065</u> | <u>\$ 1,791,507</u> | <u>\$ 6,973,775</u>          |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE FUNDS (with current year amended budget)**

|                                 | AMENDED<br>BUDGET<br>2017 | -----2018----- <br>RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | PROPOSED BUDGETS  |                     |                     |                     |                     | TOTAL<br>PROPOSED<br>AMOUNTS |
|---------------------------------|---------------------------|------------------------------------------------|--------------------|-------------------|---------------------|---------------------|---------------------|---------------------|------------------------------|
|                                 |                           |                                                |                    | 2018              | 2019                | 2020                | 2021                | 2022                |                              |
| <b>ELECTRIC UTILITY FUND:</b>   |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS      | \$ 1,765,500              | \$ 881,500                                     | \$ 825,000         | \$ 1,706,500      | \$ 1,383,500        | \$ 697,000          | \$ 360,000          | \$ 580,000          | \$ 4,727,000                 |
| LESS: USE OF RESERVES           | -                         | (40,500)                                       | -                  | (40,500)          | -                   | -                   | -                   | -                   | (40,500)                     |
| VEHICLE & EQUIPMENT REPLACEMENT | (43,500)                  | (340,000)                                      | -                  | (340,000)         | (400,500)           | (302,000)           | -                   | -                   | (1,042,500)                  |
| GRANTS                          | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| BOND ISSUES                     | -                         | (381,000)                                      | -                  | (381,000)         | -                   | -                   | -                   | -                   | (381,000)                    |
| OTHER FINANCING SOURCES         | -                         | (120,000)                                      | -                  | (120,000)         | (120,000)           | (120,000)           | -                   | -                   | (360,000)                    |
| NET CAPITAL IMPROVEMENTS        | <u>\$ 1,722,000</u>       | <u>\$ -</u>                                    | <u>\$ 825,000</u>  | <u>\$ 825,000</u> | <u>\$ 863,000</u>   | <u>\$ 275,000</u>   | <u>\$ 360,000</u>   | <u>\$ 580,000</u>   | <u>\$ 2,903,000</u>          |
| <b>WATER UTILITY FUND:</b>      |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS      | \$ 3,058,880              | \$ 3,953,500                                   | \$ -               | \$ 3,953,500      | \$ 1,948,000        | \$ 2,433,000        | \$ 3,974,000        | \$ 1,224,000        | \$ 13,532,500                |
| LESS: USE OF RESERVES           | (1,395,880)               | (771,000)                                      | -                  | (771,000)         | (5,000)             | -                   | -                   | -                   | (776,000)                    |
| VEHICLE & EQUIPMENT REPLACEMENT | (190,000)                 | -                                              | -                  | -                 | (20,000)            | (230,000)           | (75,000)            | -                   | (325,000)                    |
| GRANTS                          | -                         | (82,500)                                       | -                  | (82,500)          | (70,000)            | (150,000)           | -                   | -                   | (302,500)                    |
| BOND ISSUES                     | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| OTHER FINANCING SOURCES         | -                         | (3,100,000)                                    | -                  | (3,100,000)       | (350,000)           | (700,000)           | (2,100,000)         | -                   | (6,250,000)                  |
| NET CAPITAL IMPROVEMENTS        | <u>\$ 1,473,000</u>       | <u>\$ -</u>                                    | <u>\$ -</u>        | <u>\$ -</u>       | <u>\$ 1,503,000</u> | <u>\$ 1,353,000</u> | <u>\$ 1,799,000</u> | <u>\$ 1,224,000</u> | <u>\$ 5,879,000</u>          |
| <b>SEWER UTILITY FUND:</b>      |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS      | \$ 1,013,675              | \$ 1,336,701                                   | \$ -               | \$ 1,336,701      | \$ 800,000          | \$ 1,000,000        | \$ 800,000          | \$ 800,000          | \$ 4,736,701                 |
| LESS: USE OF RESERVES           | (293,675)                 | (836,701)                                      | -                  | (836,701)         | -                   | -                   | -                   | -                   | (836,701)                    |
| VEHICLE & EQUIPMENT REPLACEMENT | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| GRANTS                          | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| BOND ISSUES                     | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| OTHER FINANCING SOURCES         | (150,000)                 | (500,000)                                      | -                  | (500,000)         | (800,000)           | (1,000,000)         | (800,000)           | (800,000)           | (3,900,000)                  |
| NET CAPITAL IMPROVEMENTS        | <u>\$ 570,000</u>         | <u>\$ -</u>                                    | <u>\$ -</u>        | <u>\$ -</u>       | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>         | <u>\$ -</u>                  |
| <b>STORMWATER UTILITY FUND:</b> |                           |                                                |                    |                   |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS      | \$ 450,000                | \$ 3,358,000                                   | \$ 420,000         | \$ 3,778,000      | \$ 3,942,375        | \$ 503,050          | \$ 576,203          | \$ 550,513          | \$ 9,350,141                 |
| LESS: USE OF RESERVES           | -                         | (40,000)                                       | -                  | (40,000)          | (40,000)            | -                   | -                   | -                   | (80,000)                     |
| VEHICLE & EQUIPMENT REPLACEMENT | (60,000)                  | (18,000)                                       | -                  | (18,000)          | (161,375)           | -                   | -                   | -                   | (179,375)                    |
| GRANTS                          | -                         | (50,000)                                       | -                  | (50,000)          | (50,000)            | -                   | (50,000)            | -                   | (150,000)                    |
| BOND ISSUES                     | -                         | -                                              | -                  | -                 | -                   | -                   | -                   | -                   | -                            |
| OTHER (STORM WATER FEE)         | -                         | (3,250,000)                                    | -                  | (3,250,000)       | (3,250,000)         | -                   | -                   | -                   | (6,500,000)                  |
| NET CAPITAL IMPROVEMENTS        | <u>\$ 390,000</u>         | <u>\$ -</u>                                    | <u>\$ 420,000</u>  | <u>\$ 420,000</u> | <u>\$ 441,000</u>   | <u>\$ 503,050</u>   | <u>\$ 526,203</u>   | <u>\$ 550,513</u>   | <u>\$ 2,440,766</u>          |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE AND OTHER FUNDS (with current year amended budget)**

|                                 | AMENDED<br>BUDGET<br>2017 | -----2018----- <br>RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | PROPOSED BUDGETS |                   |                  |                   |             | TOTAL<br>PROPOSED<br>AMOUNTS |
|---------------------------------|---------------------------|------------------------------------------------|--------------------|------------------|-------------------|------------------|-------------------|-------------|------------------------------|
|                                 |                           |                                                |                    | 2018             | 2019              | 2020             | 2021              | 2022        |                              |
| <b>PARKING FUND:</b>            |                           |                                                |                    |                  |                   |                  |                   |             |                              |
| GROSS CAPITAL IMPROVEMENTS      | \$ 309,590                | \$ 248,490                                     | \$ -               | \$ 248,490       | \$ 21,000         | \$ 28,000        | \$ 105,000        | \$ -        | \$ 402,490                   |
| LESS: USE OF RESERVES           | (284,590)                 | (120,750)                                      | -                  | (120,750)        | -                 | -                | -                 | -           | (120,750)                    |
| VEHICLE & EQUIPMENT REPLACEMENT | (25,000)                  | -                                              | -                  | -                | (21,000)          | (28,000)         | -                 | -           | (49,000)                     |
| GRANTS                          | -                         | -                                              | -                  | -                | -                 | -                | -                 | -           | -                            |
| BOND ISSUES                     | -                         | (127,740)                                      | -                  | (127,740)        | -                 | -                | -                 | -           | (127,740)                    |
| OTHER FINANCING SOURCES         | -                         | -                                              | -                  | -                | -                 | -                | -                 | -           | -                            |
| NET CAPITAL IMPROVEMENTS        | <u>\$ -</u>               | <u>\$ -</u>                                    | <u>\$ -</u>        | <u>\$ -</u>      | <u>\$ -</u>       | <u>\$ -</u>      | <u>\$ 105,000</u> | <u>\$ -</u> | <u>\$ 105,000</u>            |
| <b>MAINTENANCE FUND:</b>        |                           |                                                |                    |                  |                   |                  |                   |             |                              |
| GROSS CAPITAL IMPROVEMENTS      | \$ 442,549                | \$ 422,549                                     | \$ 30,000          | \$ 452,549       | \$ 414,000        | \$ 25,000        | \$ -              | \$ -        | \$ 891,549                   |
| LESS: USE OF RESERVES           | (442,549)                 | (122,549)                                      | -                  | (122,549)        | -                 | -                | -                 | -           | (122,549)                    |
| VEHICLE & EQUIPMENT REPLACEMENT | -                         | (30,000)                                       | -                  | (30,000)         | (40,000)          | -                | -                 | -           | (70,000)                     |
| GRANTS                          | -                         | -                                              | -                  | -                | -                 | -                | -                 | -           | -                            |
| BOND ISSUES                     | -                         | (165,000)                                      | -                  | (165,000)        | (225,000)         | -                | -                 | -           | (390,000)                    |
| OTHER FINANCING SOURCES         | -                         | (105,000)                                      | -                  | (105,000)        | -                 | -                | -                 | -           | (105,000)                    |
| NET CAPITAL IMPROVEMENTS        | <u>\$ -</u>               | <u>\$ -</u>                                    | <u>\$ 30,000</u>   | <u>\$ 30,000</u> | <u>\$ 149,000</u> | <u>\$ 25,000</u> | <u>\$ -</u>       | <u>\$ -</u> | <u>\$ 204,000</u>            |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**FIVE YEAR SUMMARY BY FUND - TOTAL OF ALL FUNDS (with current year amended budget)**

|                                    | AMENDED<br>BUDGET<br>2017 | -----2018----- <br>RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING  | PROPOSED BUDGETS    |                     |                     |                     |                     | TOTAL<br>PROPOSED<br>AMOUNTS |
|------------------------------------|---------------------------|------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------------|
|                                    |                           |                                                |                     | 2018                | 2019                | 2020                | 2021                | 2022                |                              |
| <b>TOTAL CAPITAL IMPROVEMENTS:</b> |                           |                                                |                     |                     |                     |                     |                     |                     |                              |
| GROSS CAPITAL IMPROVEMENTS         | \$ 11,144,546             | \$ 13,020,403                                  | \$ 1,395,000        | \$ 14,415,403       | \$ 13,296,323       | \$ 7,441,094        | \$ 9,533,924        | \$ 6,090,111        | \$ 50,776,855                |
| LESS: USE OF RESERVES              | (4,722,228)               | (1,931,500)                                    | -                   | (1,931,500)         | (45,000)            | -                   | -                   | -                   | (1,976,500)                  |
| VEHICLE & EQUIPMENT REPLACEMENT    | (1,172,318)               | (1,017,492)                                    | -                   | (1,017,492)         | (1,899,673)         | (791,149)           | (761,485)           | (239,420)           | (4,709,219)                  |
| GRANTS                             | (945,000)                 | (1,204,721)                                    | -                   | (1,204,721)         | (1,276,671)         | (666,671)           | (566,671)           | (516,671)           | (4,231,405)                  |
| BOND ISSUES                        | -                         | (937,690)                                      | -                   | (937,690)           | (462,500)           | (494,500)           | (352,500)           | (238,000)           | (2,485,190)                  |
| OTHER FINANCING SOURCES            | (150,000)                 | (7,929,000)                                    | -                   | (7,929,000)         | (4,970,000)         | (1,970,000)         | (3,050,000)         | (950,000)           | (18,869,000)                 |
| NET CAPITAL IMPROVEMENTS           | <u>\$ 4,155,000</u>       | <u>\$ -</u>                                    | <u>\$ 1,395,000</u> | <u>\$ 1,395,000</u> | <u>\$ 4,642,479</u> | <u>\$ 3,518,774</u> | <u>\$ 4,803,268</u> | <u>\$ 4,146,020</u> | <u>\$ 18,505,541</u>         |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM SUMMARY BY FUNCTION**  
**FOR THE FISCAL YEAR 2018**

**TOTAL PROJECT COSTS**

| <b>DEPARTMENT/DIVISION</b>               | <b>COMMUNITY<br/>DEVELOPMENT<br/>FUND</b> | <b>CAPITAL<br/>PROJECTS<br/>FUND</b> | <b>ELECTRIC<br/>FUND</b> | <b>WATER<br/>FUND</b> | <b>SEWER<br/>FUND</b> | <b>STORMWATER<br/>FUND</b> | <b>PARKING<br/>FUND</b> | <b>MAINTENANCE<br/>FUND</b> | <b>TOTAL</b>         |
|------------------------------------------|-------------------------------------------|--------------------------------------|--------------------------|-----------------------|-----------------------|----------------------------|-------------------------|-----------------------------|----------------------|
| GENERAL GOV'T-FINANCE DEPARTMENT         | \$ -                                      | \$ -                                 | \$ -                     | \$ -                  | \$ -                  | \$ -                       | \$ -                    | \$ -                        | \$ -                 |
| GENERAL GOV'T-ADMINISTRATIVE DEPARTMENT  | -                                         | -                                    | -                        | -                     | -                     | -                          | -                       | -                           | -                    |
| GENERAL GOV'T-ADMINISTRATIVE IT DIVISION | -                                         | 202,500                              | -                        | -                     | -                     | -                          | -                       | -                           | 202,500              |
| GENERAL GOV'T-LEGISLATIVE DEPARTMENT     | -                                         | -                                    | -                        | -                     | -                     | -                          | -                       | -                           | -                    |
| PUBLIC SAFETY-CODE ENFORCEMENT DIVISION  | -                                         | 52,000                               | -                        | -                     | -                     | -                          | -                       | -                           | 52,000               |
| PUBLIC SAFETY-POLICE DEPARTMENT          | -                                         | 325,492                              | -                        | -                     | -                     | -                          | -                       | -                           | 325,492              |
| PUBLIC WORKS-REFUSE DIVISION             | -                                         | -                                    | -                        | -                     | -                     | -                          | -                       | -                           | -                    |
| PUBLIC WORKS-STREET DIVISION             | 25,000                                    | 1,630,671                            | -                        | -                     | -                     | -                          | -                       | -                           | 1,655,671            |
| PUBLIC WORKS-ENGINEERING DIVISION        | -                                         | -                                    | -                        | -                     | -                     | -                          | -                       | -                           | -                    |
| CULTURE & RECREATION-PARKS DEPARTMENT    | -                                         | 704,000                              | -                        | -                     | -                     | -                          | -                       | -                           | 704,000              |
| ELECTRIC FUND                            | -                                         | -                                    | 1,706,500                | -                     | -                     | -                          | -                       | -                           | 1,706,500            |
| WATER FUND                               | -                                         | -                                    | -                        | 3,953,500             | -                     | -                          | -                       | -                           | 3,953,500            |
| SEWER FUND                               | -                                         | -                                    | -                        | -                     | 1,336,701             | -                          | -                       | -                           | 1,336,701            |
| STORMWATER FUND                          | -                                         | -                                    | -                        | -                     | -                     | 3,778,000                  | -                       | -                           | 3,778,000            |
| PARKING FUND                             | -                                         | -                                    | -                        | -                     | -                     | -                          | 248,490                 | -                           | 248,490              |
| MAINTENANCE FUND-FLEET MAINTENANCE       | -                                         | -                                    | -                        | -                     | -                     | -                          | -                       | 124,549                     | 124,549              |
| MAINTENANCE FUND-FACILITIES MAINTENANCE  | -                                         | -                                    | -                        | -                     | -                     | -                          | -                       | 328,000                     | 328,000              |
|                                          | <u>\$ 25,000</u>                          | <u>\$ 2,914,663</u>                  | <u>\$ 1,706,500</u>      | <u>\$ 3,953,500</u>   | <u>\$ 1,336,701</u>   | <u>\$ 3,778,000</u>        | <u>\$ 248,490</u>       | <u>\$ 452,549</u>           | <u>\$ 14,415,403</u> |

**PLANNED FINANCING SOURCES**

|                                 |             |                   |                   |              |              |                   |             |                  |                     |
|---------------------------------|-------------|-------------------|-------------------|--------------|--------------|-------------------|-------------|------------------|---------------------|
| GROSS CAPITAL IMPROVEMENTS      | \$ 25,000   | \$ 2,914,663      | \$ 1,706,500      | \$ 3,953,500 | \$ 1,336,701 | \$ 3,778,000      | \$ 248,490  | \$ 452,549       | \$ 14,415,403       |
| LESS: USE OF RESERVES           | -           | -                 | (40,500)          | (771,000)    | (836,701)    | (40,000)          | (120,750)   | (122,549)        | (1,931,500)         |
| VEHICLE & EQUIPMENT REPLACEMENT | -           | (629,492)         | (340,000)         | -            | -            | (18,000)          | -           | (30,000)         | (1,017,492)         |
| GRANTS                          | (25,000)    | (1,047,221)       | -                 | (82,500)     | -            | (50,000)          | -           | -                | (1,204,721)         |
| BOND ISSUES                     | -           | (263,950)         | (381,000)         | -            | -            | -                 | (127,740)   | (165,000)        | (937,690)           |
| OTHER FINANCING SOURCES         | -           | (854,000)         | (120,000)         | (3,100,000)  | (500,000)    | (3,250,000)       | -           | (105,000)        | (7,929,000)         |
| NET CAPITAL IMPROVEMENTS        | <u>\$ -</u> | <u>\$ 120,000</u> | <u>\$ 825,000</u> | <u>\$ -</u>  | <u>\$ -</u>  | <u>\$ 420,000</u> | <u>\$ -</u> | <u>\$ 30,000</u> | <u>\$ 1,395,000</u> |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**ELECTRIC FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE                    | 2017<br>BUDGET     | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM<br>RECOMMENDED FUNDING |                    |                  |                  |                  |                    |
|--------------------------------------------------------------|--------------------|-----------------------------|--------------------|---------------------------------------------------------------|--------------------|------------------|------------------|------------------|--------------------|
|                                                              |                    | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | 2018                                                          | 2019               | 2020             | 2021             | 2022             | TOTAL              |
| E1801 New Lines and Services D                               | \$0                | \$0                         | \$125,000          | 125,000                                                       | 125,000            | 125,000          | 125,000          | 125,000          | 625,000            |
| E1804 Spacer Cable Replacement D                             | 0                  | 81,000                      | 0                  | 81,000                                                        | 0                  | 0                | 0                | 0                | 81,000             |
| E1805 Line Extension UD Farm D                               | 0                  | 0                           | 0                  | 0                                                             | 170,000            | 0                | 0                | 0                | 170,000            |
| E1806 Christianstead Underground Primary Cable Addition D    | 0                  | 0                           | 0                  | 0                                                             | 50,000             | 0                | 0                | 0                | 50,000             |
| E1807 Relay replacement and SCADA additions Kershaw Subst. D | 0                  | 0                           | 0                  | 0                                                             | 40,000             | 0                | 0                | 0                | 40,000             |
| E1808 Aerial Line voltage upgrade North College Ave D        | 0                  | 0                           | 0                  | 0                                                             | 0                  | 50,000           | 0                | 0                | 50,000             |
| E1809 Line Extension Christina Parkway and Park Drive D      | 0                  | 0                           | 0                  | 0                                                             | 0                  | 100,000          | 0                | 0                | 100,000            |
| E1810 Lightning arrestor replacement D                       | 0                  | 0                           | 0                  | 0                                                             | 0                  | 0                | 235,000          | 0                | 235,000            |
| E1701 New Lines & Services D                                 | 125,000            | 0                           | 0                  | 0                                                             | 0                  | 0                | 0                | 0                | 0                  |
| E1702 Reconductor-Main Street D                              | 85,000             | 0                           | 0                  | 0                                                             | 0                  | 0                | 0                | 0                | 0                  |
| E1602 Circuit Breaker Replacement D                          | 0                  | 0                           | 0                  | 0                                                             | 65,000             | 0                | 0                | 0                | 65,000             |
| E1502 Star Campus Underground Distribution D                 | 0                  | 120,000                     | 0                  | 120,000                                                       | 120,000            | 120,000          | 0                | 0                | 360,000            |
| E1203 CAD Software D                                         | 0                  | 40,500                      | 0                  | 40,500                                                        | 0                  | 0                | 0                | 0                | 40,500             |
| E1105 New Transformers & Circuit Breakers D                  | 653,000            | 0                           | 700,000            | 700,000                                                       | 0                  | 0                | 0                | 0                | 700,000            |
| E0903 12KV Changeover A                                      | 43,000             | 0                           | 0                  | 0                                                             | 0                  | 0                | 0                | 0                | 0                  |
| E0503 SCADA & Automatic Switching D                          | 816,000            | 300,000                     | 0                  | 300,000                                                       | 413,000            | 0                | 0                | 455,000          | 1,168,000          |
| EEQSF Vehicle Replacement Program D                          | 43,500             | 340,000                     | 0                  | 340,000                                                       | 400,500            | 302,000          | 0                | 0                | 1,042,500          |
| <b>Total Electric Fund</b>                                   | <b>\$1,765,500</b> | <b>\$881,500</b>            | <b>\$825,000</b>   | <b>\$1,706,500</b>                                            | <b>\$1,383,500</b> | <b>\$697,000</b> | <b>\$360,000</b> | <b>\$580,000</b> | <b>\$4,727,000</b> |
| <b>GROSS CAPITAL IMPROVEMENTS</b>                            | <b>\$1,765,500</b> | <b>\$881,500</b>            | <b>\$825,000</b>   | <b>\$1,706,500</b>                                            | <b>\$1,383,500</b> | <b>\$697,000</b> | <b>\$360,000</b> | <b>\$580,000</b> | <b>\$4,727,000</b> |
| <b>LESS: USE OF RESERVES</b>                                 | <b>0</b>           | <b>(40,500)</b>             | <b>0</b>           | <b>(40,500)</b>                                               | <b>0</b>           | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>(40,500)</b>    |
| <b>VEHICLE/EQUIPMENT REPLACEMENT</b>                         | <b>(43,500)</b>    | <b>(340,000)</b>            | <b>0</b>           | <b>(340,000)</b>                                              | <b>(400,500)</b>   | <b>(302,000)</b> | <b>0</b>         | <b>0</b>         | <b>(1,042,500)</b> |
| <b>GRANTS</b>                                                | <b>0</b>           | <b>0</b>                    | <b>0</b>           | <b>0</b>                                                      | <b>0</b>           | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>           |
| <b>BOND ISSUES</b>                                           | <b>0</b>           | <b>(381,000)</b>            | <b>0</b>           | <b>(381,000)</b>                                              | <b>0</b>           | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>(381,000)</b>   |
| <b>OTHER FINANCING SOURCES</b>                               | <b>0</b>           | <b>(120,000)</b>            | <b>0</b>           | <b>(120,000)</b>                                              | <b>(120,000)</b>   | <b>(120,000)</b> | <b>0</b>         | <b>0</b>         | <b>(360,000)</b>   |
| <b>NET CAPITAL IMPROVEMENTS</b>                              | <b>\$1,722,000</b> | <b>\$0</b>                  | <b>\$825,000</b>   | <b>\$825,000</b>                                              | <b>\$863,000</b>   | <b>\$275,000</b> | <b>\$360,000</b> | <b>\$580,000</b> | <b>\$2,903,000</b> |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

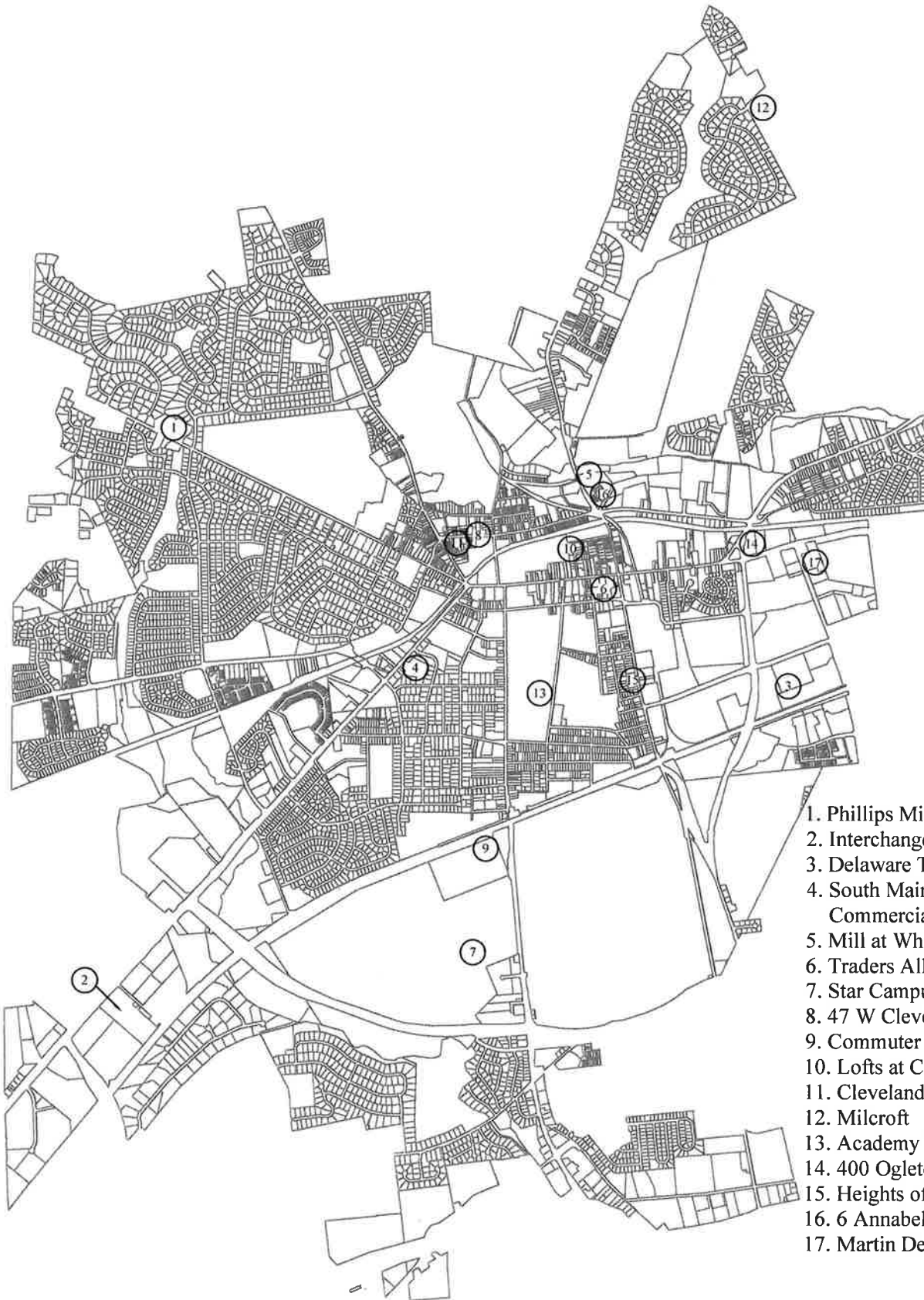
D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| DEPARTMENT: <b>ELECTRIC</b>                                                                                                                                                                                                                                                                                                                                                           |                                                 | DIVISION: <b>ELECTRIC</b>                                                                                                                           |                                                           |
| PROJECT NO:<br><b>E1801</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>NEW LINES AND SERVICES</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS LOCATIONS IN THE CITY</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                 | <b>In Prior Program</b>                                                                                                                             |                                                           |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                           | Project underway and must be completed          |                                                                                                                                                     |                                                           |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                 | <b>Sustainable Community</b>                                                                                                                        |                                                           |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Installation of electric distribution lines in new developments. This includes both overhead and underground primary and secondary service lines. This project is required based on the obligation to serve new customers in the City.</p>                                                                              |                                                 |                                                                                                                                                     |                                                           |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                 | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                           |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                         | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                         | Labor                                                                                                                                               | 5195106.9860                                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 30 YRS.                                         | Materials                                                                                                                                           | 5195106.9760                                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 625,000                                         | Other Contracts                                                                                                                                     |                                                           |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                 | Total Project Cost                                                                                                                                  | \$ 625,000                                                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 625,000                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                           |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                 |                                                                                                                                                     |                                                           |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                 |                                                                                                                                                     |                                                           |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                              | 2018                                                                                                                                                | 2019                                                      |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                 | 125,000                                                                                                                                             | 125,000                                                   |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                                                           |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                 |                                                                                                                                                     |                                                           |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                                                                                                                                     |                                                           |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                                                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                                           |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                        | <b>125,000</b>                                                                                                                                      | <b>125,000</b>                                            |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                 |                                                                                                                                                     |                                                           |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                 |                                                                                                                                                     |                                                           |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                            | 2019                                                                                                                                                | 2020                                                      |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                                           |

# E 1801

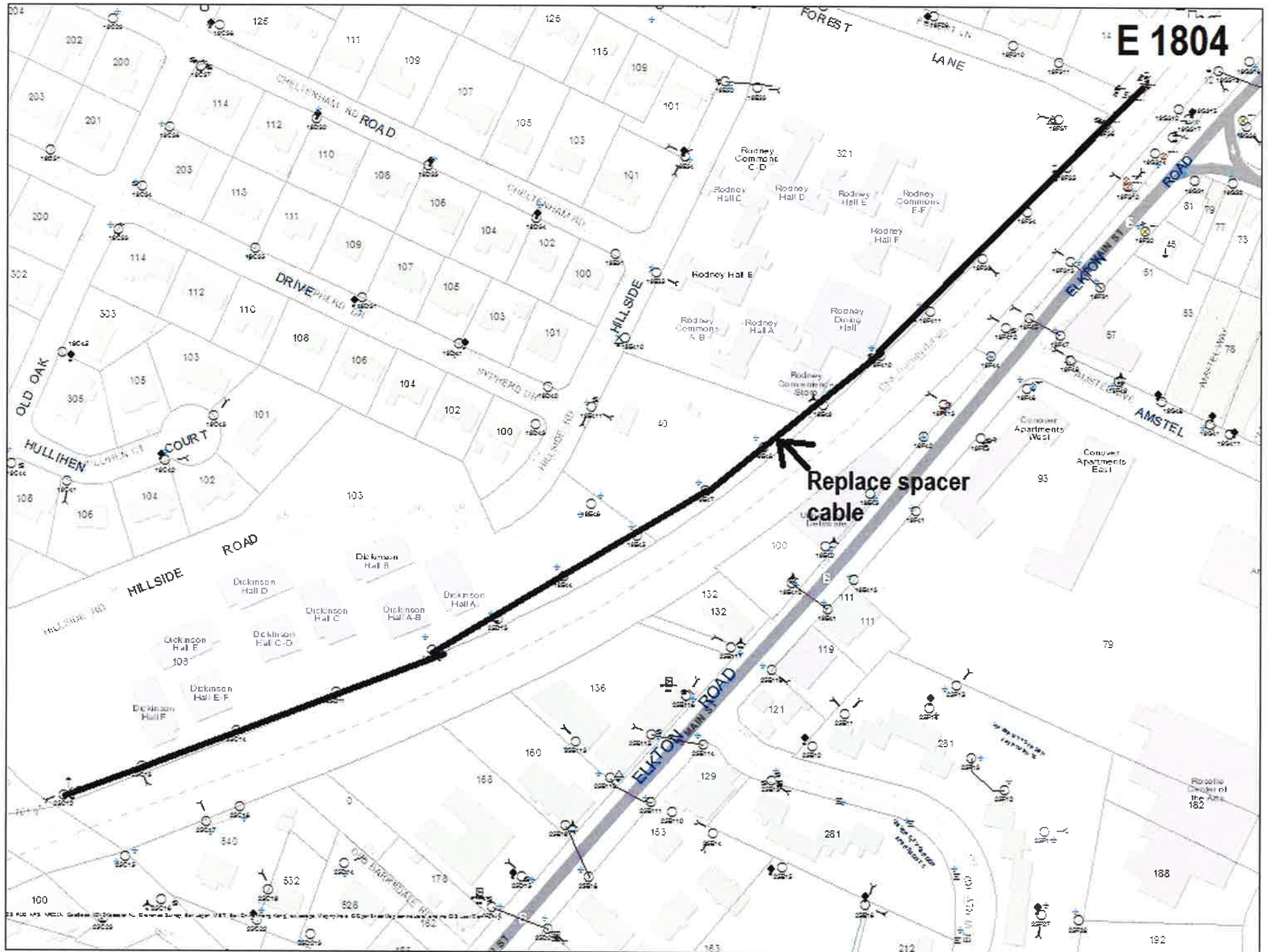


1. Phillips Mill
2. Interchange Industrial Park Phase III
3. Delaware Technology Park
4. South Main Plaza/Chimney Ridge Commercial
5. Mill at White Clay
6. Traders Alley
7. Star Campus
8. 47 W Cleveland Ave.
9. Commuter Rail Station
10. Lofts at Center Street
11. Cleveland Station
12. Milcroft
13. Academy St. Dorms
14. 400 Ogletown
15. Heights of S Chapel
16. 6 Annabella St
17. Martin Dealership

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

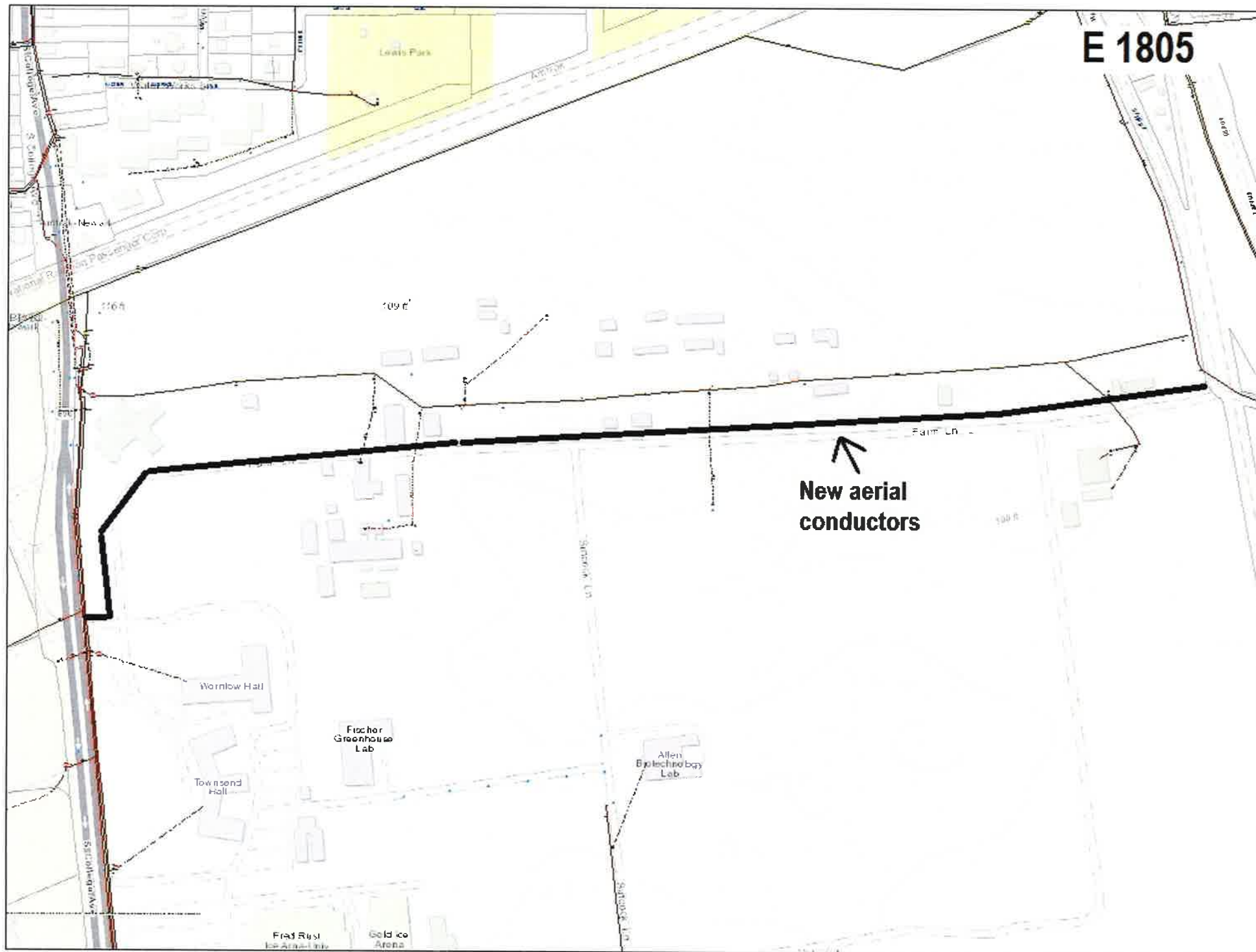
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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| DEPARTMENT: ELECTRIC                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  | DIVISION: ELECTRIC                                                                                                                                  |                                                                           |
| PROJECT NO:<br>E1804                                                                                                                                                                                                                                                                                                                                                                                                                                            | PROJECT TITLE:<br>SPACER CABLE REPLACEMENT                                       |                                                                                                                                                     | PROJECT LOCATION:<br>ALONG RAILROAD TRACKS FROM APPLE ROAD TO FOREST LANE |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  | New Project                                                                                                                                         |                                                                           |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                               | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                                                           |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  | Sustainable Community                                                                                                                               |                                                                           |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project will replace the 12,470 volt aerial circuit along the railroad from Apple Road to Forest Lane. The aerial cable is a bundled type of spacer cable which means the wires are installed in close proximity to each other. This cable has many cracks in it and has burned down several times. It is proposed to replace the existing spacer cable with flat crossarm construction.</p> |                                                                                  |                                                                                                                                                     |                                                                           |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  | PROJECT COST BY CATEGORY                                                                                                                            |                                                                           |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2018                                                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                                           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2018                                                                             | Labor                                                                                                                                               | 5195106.9860                                                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30 YRS.                                                                          | Materials                                                                                                                                           | 5195106.9760                                                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 81,000                                                                           | Other Contracts                                                                                                                                     |                                                                           |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  | Total Project Cost                                                                                                                                  | \$ 81,000                                                                 |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                               | 81,000                                                                           | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                                           |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                  |                                                                                                                                                     |                                                                           |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                                                           |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                      | PRIOR <sup>2</sup>                                                               | 2018                                                                                                                                                | 2019                                                                      |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                                                           |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                     |                                                                           |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                                                                                                     |                                                                           |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  | 81,000                                                                                                                                              |                                                                           |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                     |                                                                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                                                                                                     |                                                                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                                                                                                     |                                                                           |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                | 81,000                                                                                                                                              | -                                                                         |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                           |                                                                                  |                                                                                                                                                     |                                                                           |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  |                                                                                                                                                     |                                                                           |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2018                                                                             | 2019                                                                                                                                                | 2020                                                                      |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                                                                                                     |                                                                           |



## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

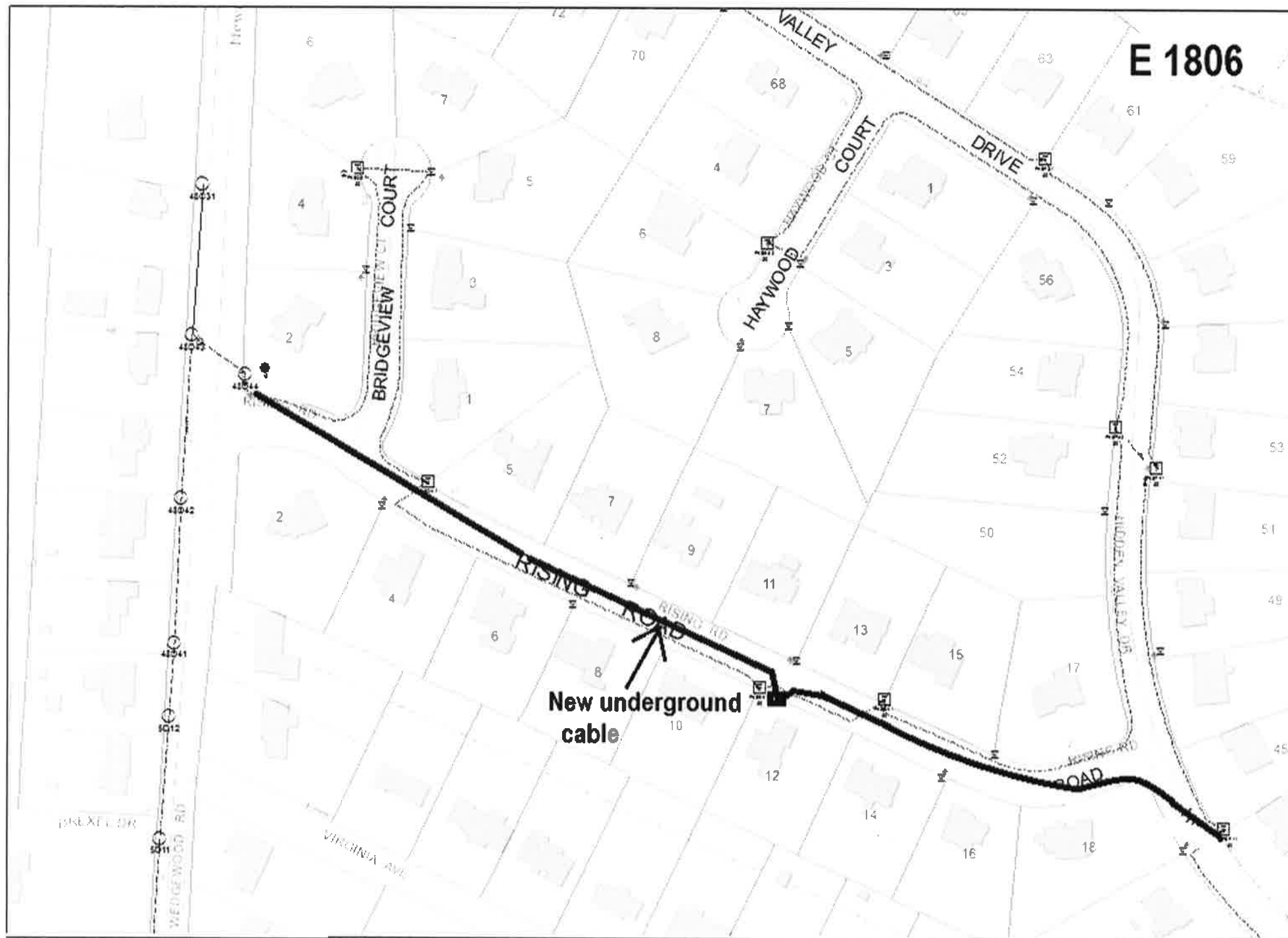
|                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| DEPARTMENT: <b>ELECTRIC</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             | DIVISION: <b>ELECTRIC</b>                                                                                                                           |                                                         |
| PROJECT NO:<br><b>E1805</b>                                                                                                                                                                                                                                                                                                                                                                                                                     | PROJECT TITLE:<br><b>LINE EXTENSION - UD FARM</b>                                           |                                                                                                                                                     | PROJECT LOCATION:<br><b>UNIVERSITY OF DELAWARE FARM</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | <b>New Project</b>                                                                                                                                  |                                                         |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                     | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | <b>Sustainable Community</b>                                                                                                                        |                                                         |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>To ensure capacity and reliable back-up capacity to the Star Campus, the University of Delaware South Campus and City customers on South College Avenue, it is proposed to install a new 12,470 volt circuit from Old South Chapel Street to South College Avenue through the University of Delaware Farm. This project is based on approval from the University of Delaware.</p> |                                                                                             |                                                                                                                                                     |                                                         |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>2018</b>                                                                                 | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                                  |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>2019</b>                                                                                 | Labor                                                                                                                                               | <b>5195106.9860</b>                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>30 YRS.</b>                                                                              | Materials                                                                                                                                           | <b>5195106.9760</b>                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>170,000</b>                                                                              | Other Contracts                                                                                                                                     |                                                         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             | Total Project Cost                                                                                                                                  | <b>\$ 170,000</b>                                       |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                               | <b>170,000</b>                                                                              | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                                                                                                                                     |                                                         |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                         |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                             |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             |                                                                                                                                                     | <b>170,000</b>                                          |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                                         |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                         |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                         |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                                         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                         |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>170,000</b>                                          |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                           |                                                                                             |                                                                                                                                                     |                                                         |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                             |                                                                                             |                                                                                                                                                     |                                                         |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                             |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                         |



## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DEPARTMENT: <b>ELECTRIC</b>                                                                                                                                                                                                                                                                                                                                                           |                                                                                             | DIVISION: <b>ELECTRIC</b>                                                                                                                           |                                            |
| PROJECT NO:<br><b>E1806</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>CHRISTIANSTEAD CABLE ADDITION</b>                                      |                                                                                                                                                     | PROJECT LOCATION:<br><b>CHRISTIANSTEAD</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                             | <b>New Project</b>                                                                                                                                  |                                            |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                           | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                            |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                             | <b>Sustainable Community</b>                                                                                                                        |                                            |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>An additional underground high voltage cable is needed in Christianstead to balance load during emergency condition when an existing high voltage cable fails. When we experience a cable failure, the remaining cable can not be fused properly to coordinate with upstream fuses.</p>                                 |                                                                                             |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                            |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | <b>2018</b>                                                                                 | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | <b>2019</b>                                                                                 | Labor                                                                                                                                               | <b>5195106.9860</b>                        |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | <b>30 YRS.</b>                                                                              | Materials                                                                                                                                           | <b>5195106.9760</b>                        |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | <b>50,000</b>                                                                               | Other Contracts                                                                                                                                     |                                            |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Total Project Cost                                                                                                                                  | <b>\$ 50,000</b>                           |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | <b>50,000</b>                                                                               | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                            |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |                                                                                                                                                     |                                            |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     | <b>50,000</b>                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                            |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                            |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                            |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                            |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>50,000</b>                              |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                             |                                                                                                                                                     |                                            |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                            |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                            |



## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| DEPARTMENT: ELECTRIC                                                                                                                                                                                                                                                                                                                                                                  |                                                                                          | DIVISION: ELECTRIC                                                                                                                                  |                                         |
| PROJECT NO:<br>E1807                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>RELAY REPLACEMENTS - KERSHAW SUBSTATION                                |                                                                                                                                                     | PROJECT LOCATION:<br>KERSHAW SUBSTATION |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                          | New Project                                                                                                                                         |                                         |
| PRIORITY: 5 - Low                                                                                                                                                                                                                                                                                                                                                                     | This project is a NEED and not a WANT, but it can start in year two of this CIP or later |                                                                                                                                                     |                                         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                          | Sustainable Community                                                                                                                               |                                         |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project will replace electro mechanical relays on circuit breakers 7, 8 and 9 at Kershaw Substation and connect them to the SCADA system. This will allow us to see breaker status and also have remote control.</p>                                                                                               |                                                                                          |                                                                                                                                                     |                                         |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                                                          | PROJECT COST BY CATEGORY                                                                                                                            |                                         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2018                                                                                     | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | 2019                                                                                     | Labor                                                                                                                                               | 5195106.9860                            |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 20 YRS.                                                                                  | Materials                                                                                                                                           | 5195106.9760                            |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 40,000                                                                                   | Other Contracts                                                                                                                                     |                                         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                                          | Total Project Cost                                                                                                                                  | \$ 40,000                               |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 40,000                                                                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                                          |                                                                                                                                                     |                                         |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                                                          |                                                                                                                                                     |                                         |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                                                       | 2018                                                                                                                                                | 2019                                    |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                          |                                                                                                                                                     | 40,000                                  |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                                         |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |                                                                                                                                                     |                                         |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                                         |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                                         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                         |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                        | -                                                                                                                                                   | 40,000                                  |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                          |                                                                                                                                                     |                                         |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                                                          |                                                                                                                                                     |                                         |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                                     | 2019                                                                                                                                                | 2020                                    |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                         |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| DEPARTMENT: <b>ELECTRIC</b>                                                                                                                                                                                                                                                                                                                                                           |                                                                                          | DIVISION: <b>ELECTRIC</b>                                                                                                                           |                                                  |
| PROJECT NO:<br><b>E1808</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>VOLTAGE UPGRADE - NORTH COLLEGE AVENUE</b>                          |                                                                                                                                                     | PROJECT LOCATION:<br><b>NORTH COLLEGE AVENUE</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                          | <b>New Project</b>                                                                                                                                  |                                                  |
| PRIORITY: <b>5 - Low</b>                                                                                                                                                                                                                                                                                                                                                              | This project is a NEED and not a WANT, but it can start in year two of this CIP or later |                                                                                                                                                     |                                                  |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                          | <b>Sustainable Community</b>                                                                                                                        |                                                  |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Replace poles on North College Avenue and install a primary metering pole in preparation for a 4160 volt to 12470 volt upgrade of University buildings on North College Avenue.</p>                                                                                                                                     |                                                                                          |                                                                                                                                                     |                                                  |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                          | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                  |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | <b>2018</b>                                                                              | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | <b>2020</b>                                                                              | Labor                                                                                                                                               | <b>5195106.9860</b>                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | <b>30 YRS.</b>                                                                           | Materials                                                                                                                                           | <b>5195106.9760</b>                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | <b>50,000</b>                                                                            | Other Contracts                                                                                                                                     |                                                  |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                                          | Total Project Cost                                                                                                                                  | <b>\$ 50,000</b>                                 |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | <b>50,000</b>                                                                            | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                  |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                                          |                                                                                                                                                     |                                                  |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |                                                                                                                                                     |                                                  |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                                                 | <b>2018</b>                                                                                                                                         | <b>2019</b>                                      |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                          |                                                                                                                                                     | <b>50,000</b>                                    |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                                                  |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |                                                                                                                                                     |                                                  |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                                                  |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                                                  |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                                  |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                                  |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                                                 | <b>-</b>                                                                                                                                            | <b>50,000</b>                                    |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                          |                                                                                                                                                     |                                                  |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                                                          |                                                                                                                                                     |                                                  |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                                              | <b>2019</b>                                                                                                                                         | <b>2020</b>                                      |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                                  |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| DEPARTMENT: <b>ELECTRIC</b>                                                                                                                                                                                                                                                                                                                                                           |                                                                                          | DIVISION: <b>ELECTRIC</b>                                                                                                                           |                                               |
| PROJECT NO:<br><b>E1809</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>12.47KV LINE EXTENSION</b>                                          |                                                                                                                                                     | PROJECT LOCATION:<br><b>CHRISTINA PARKWAY</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                          | <b>New Project</b>                                                                                                                                  |                                               |
| PRIORITY: <b>5 - Low</b>                                                                                                                                                                                                                                                                                                                                                              | This project is a NEED and not a WANT, but it can start in year two of this CIP or later |                                                                                                                                                     |                                               |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                          | <b>Sustainable Community</b>                                                                                                                        |                                               |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>A new 12.47kV line extension is needed for additional capacity and back-up capacity for the Star Campus. This extension will also tie Sandy Brae substation transformer 64 to Chestnut Hill Road transformers 64 and 94 to provide back-up capacity.</p>                                                                |                                                                                          |                                                                                                                                                     |                                               |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                          | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                               |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | <b>2018</b>                                                                              | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                        |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | <b>2020</b>                                                                              | Labor                                                                                                                                               | <b>5195106.9860</b>                           |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | <b>30 YRS.</b>                                                                           | Materials                                                                                                                                           | <b>5195106.9760</b>                           |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | <b>100,000</b>                                                                           | Other Contracts                                                                                                                                     |                                               |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                                          | Total Project Cost                                                                                                                                  | <b>\$ 100,000</b>                             |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | <b>100,000</b>                                                                           | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                               |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                                          |                                                                                                                                                     |                                               |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |                                                                                                                                                     |                                               |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                                                 | <b>2018</b>                                                                                                                                         | <b>2019</b>                                   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                          |                                                                                                                                                     | <b>100,000</b>                                |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                                               |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |                                                                                                                                                     |                                               |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                                               |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                                               |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                               |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                               |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                                                 | <b>-</b>                                                                                                                                            | <b>100,000</b>                                |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                          |                                                                                                                                                     |                                               |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                                                          |                                                                                                                                                     |                                               |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                                              | <b>2019</b>                                                                                                                                         | <b>2020</b>                                   |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                                               |

## CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: ELECTRIC                                                                                                                                                                                                                                                                                                                                                                  |                                                                                          | DIVISION: ELECTRIC                                                                                                                                  |                              |
| PROJECT NO:<br>E1810                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>LIGHTNING ARRESTOR REPLACEMENT                                         |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                          | New Project                                                                                                                                         |                              |
| PRIORITY: 5 - Low                                                                                                                                                                                                                                                                                                                                                                     | This project is a NEED and not a WANT, but it can start in year two of this CIP or later |                                                                                                                                                     |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                          | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Replace older lightning arrestors on the 12.47kV system. This will prevent power outages and improve lightning protection on the distribution system.</p>                                                                                                                                                               |                                                                                          |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                                                          | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2018                                                                                     | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | 2021                                                                                     | Labor                                                                                                                                               | 5195106.9860                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 30 YRS.                                                                                  | Materials                                                                                                                                           | 5195106.9760                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 235,000                                                                                  | Other Contracts                                                                                                                                     |                              |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                                          | Total Project Cost                                                                                                                                  | \$ 235,000                   |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 235,000                                                                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                                          |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                                                          |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                                                       | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                          |                                                                                                                                                     |                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                          |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                              |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                        | -                                                                                                                                                   | -                            |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                          |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                                                          |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                                     | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                          |                                                                                                                                                     |                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| DEPARTMENT: ELECTRIC                                                                                                                                                                                                                                                                                                                                                                  |                                                                         | DIVISION: ELECTRIC                                                                                                                                  |                                              |
| PROJECT NO:<br>E1602                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>CIRCUIT BREAKER REPLACEMENT                           |                                                                                                                                                     | PROJECT LOCATION:<br>FREMONT ROAD SUBSTATION |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                         | In Prior Program                                                                                                                                    |                                              |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                             | The City would be taking a calculated risk in the deferral of this item |                                                                                                                                                     |                                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                         | Sustainable Community                                                                                                                               |                                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The 35kV oil circuit breaker installed in 1975 feeding transformer 47 at the Fremont Road Substation does not always open and close properly. Due to this problem at its age, it is recommended it be replaced with a vacuum type breaker.</p>                                                                          |                                                                         |                                                                                                                                                     |                                              |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                                         | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2016                                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | 2019                                                                    | Labor                                                                                                                                               | 5195106.9830                                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 30 YRS.                                                                 | Materials                                                                                                                                           | 5195106.9730                                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 65,000                                                                  | Other Contracts                                                                                                                                     | 5195106.9730                                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                         | Total Project Cost                                                                                                                                  | \$ 65,000                                    |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 65,000                                                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                                                                                                     |                                              |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                         |                                                                                                                                                     |                                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                                      | 2018                                                                                                                                                | 2019                                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |                                                                                                                                                     | 65,000                                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                                                                                                     |                                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |                                                                                                                                                     |                                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |                                                                                                                                                     |                                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                                                                                                     |                                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                                                       | -                                                                                                                                                   | 65,000                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                         |                                                                                                                                                     |                                              |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                    | 2019                                                                                                                                                | 2020                                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

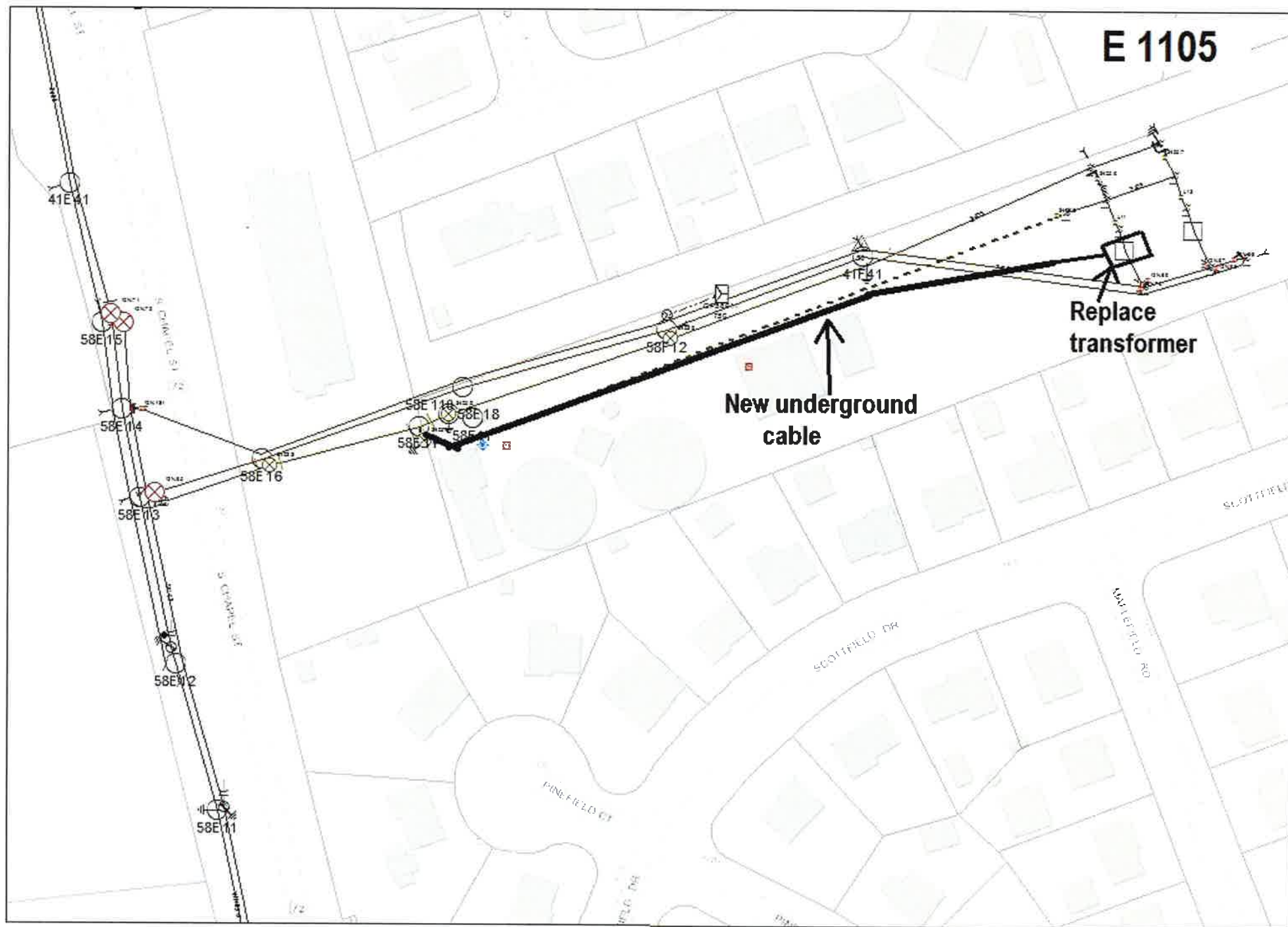
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                                                                                                                                     |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DEPARTMENT: <b>ELECTRIC</b>                                                                                                                                                                                                                                                                                                                                                           |                                                  | DIVISION: <b>ELECTRIC</b>                                                                                                                           |                                            |
| PROJECT NO:<br><b>E1502</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>STAR CAMPUS UNDERGROUND</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>UD STAR CAMPUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                  | <b>In Prior Program</b>                                                                                                                             |                                            |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                           | Project underway and must be completed           |                                                                                                                                                     |                                            |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                  | <b>Sustainable Community</b>                                                                                                                        |                                            |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Underground electrical distribution equipment needed for the Star Campus. Expenditures to be reimbursed by the Developer or Customer.</p>                                                                                                                                                                               |                                                  |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                  | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                            |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | <b>2015</b>                                      | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | <b>2020</b>                                      | Labor                                                                                                                                               |                                            |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | <b>30 YRS.</b>                                   | Materials                                                                                                                                           |                                            |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | <b>360,000</b>                                   | Other Contracts                                                                                                                                     | <b>5195106.9760</b>                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                  | Total Project Cost                                                                                                                                  | <b>\$ 360,000</b>                          |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | <b>360,000</b>                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                            |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                  |                                                                                                                                                     |                                            |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                         | <b>2018</b>                                                                                                                                         | <b>2019</b>                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                  |                                                                                                                                                     |                                            |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                                                                                                                                     |                                            |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                                                                                                     |                                            |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                  |                                                                                                                                                     |                                            |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                  | <b>120,000</b>                                                                                                                                      | <b>120,000</b>                             |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                                                                                                                                     |                                            |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                         | <b>120,000</b>                                                                                                                                      | <b>120,000</b>                             |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                  |                                                                                                                                                     |                                            |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                  |                                                                                                                                                     |                                            |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                      | <b>2019</b>                                                                                                                                         | <b>2020</b>                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                                                                                                                                     |                                            |

## CITY OF NEWARK, DELAWARE

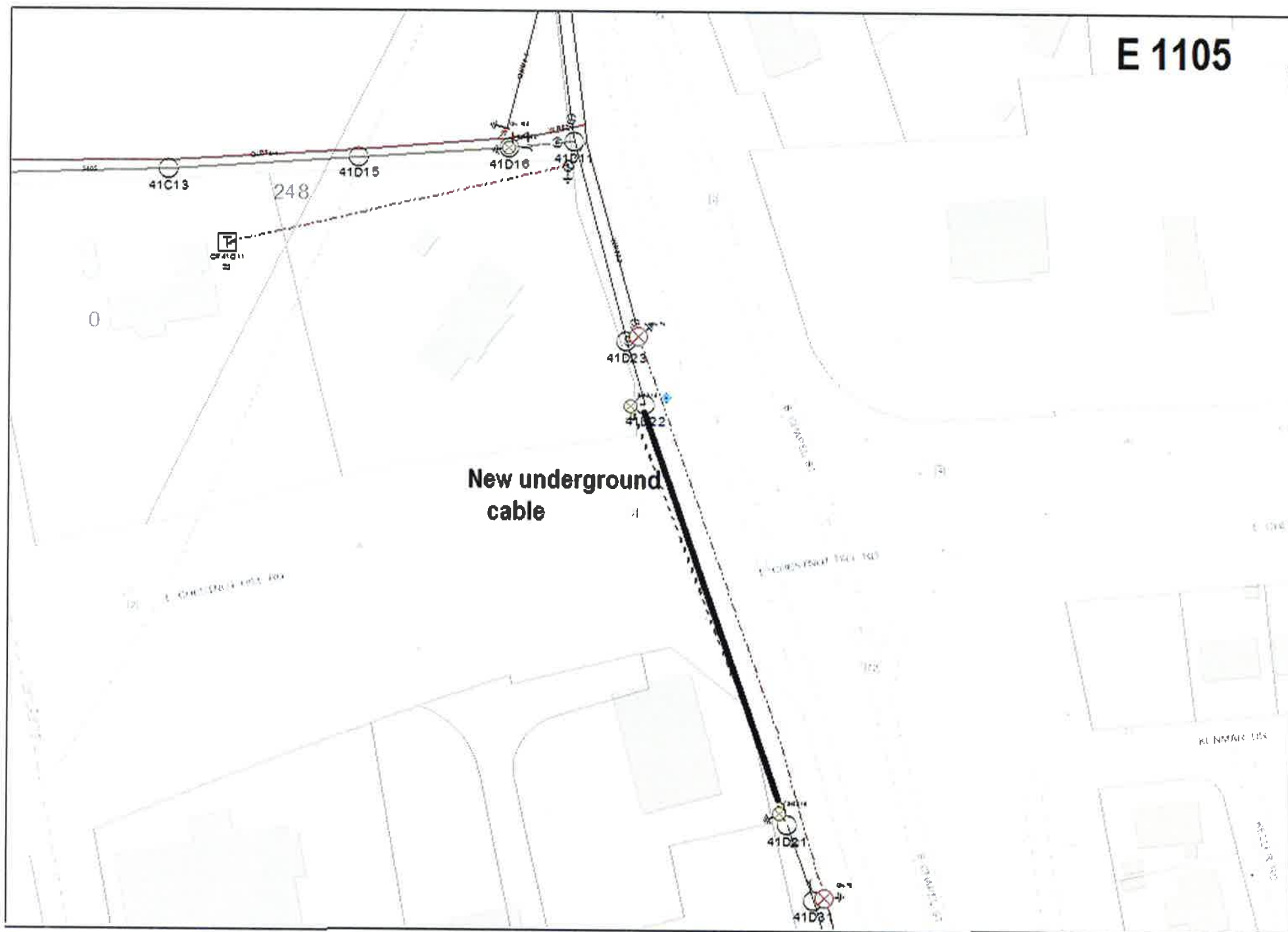
### CAPITAL BUDGET - PROJECT DETAIL

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| DEPARTMENT: ELECTRIC                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             | DIVISION: ELECTRIC                                                                                                                                  |                          |
| PROJECT NO:<br>E1203                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>CAD SOFTWARE                                                              |                                                                                                                                                     | PROJECT LOCATION:<br>N/A |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                             | In Prior Program                                                                                                                                    |                          |
| PRIORITY: 4 - Medium                                                                                                                                                                                                                                                                                                                                                                  | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                          |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                             | Sustainable Community                                                                                                                               |                          |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This software is needed to model the city's electric distribution system. This software has engineering modules to assist in fault calculations, voltage drop calculations, coordination studies and feeder optimization. Software - \$70,000, Database Conversion - \$65,000, Total + \$135,000.</p>                   |                                                                                             |                                                                                                                                                     |                          |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | PROJECT COST BY CATEGORY                                                                                                                            |                          |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2012                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS          |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | 2018                                                                                        | Labor                                                                                                                                               |                          |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 15 YRS.                                                                                     | Materials                                                                                                                                           | 5195106.9622             |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 115,500                                                                                     | Other Contracts                                                                                                                                     |                          |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | 75,000                                                                                      | Total Project Cost                                                                                                                                  | \$ 40,500                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 40,500                                                                                      | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                          |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              | 100%                                                                                        |                                                                                                                                                     |                          |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                                                                                                                                     |                          |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                                                          | 2018                                                                                                                                                | 2019                     |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                          |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             | 40,500                                                                                                                                              |                          |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                          |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                          |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                          |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                          |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                          |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                           | 40,500                                                                                                                                              | -                        |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                             |                                                                                                                                                     |                          |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                                                             |                                                                                                                                                     |                          |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                                        | 2019                                                                                                                                                | 2020                     |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                          |

| CITY OF NEWARK, DELAWARE<br>CAPITAL BUDGET - PROJECT DETAIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------|---------------------------------------------------------------------------------------------|---------|---------|
| DEPARTMENT: ELECTRIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                               | DIVISION: ELECTRIC                                                                                                                                  |                          |                       |                                                                                             |         |         |
| PROJECT NO:<br><br>E1105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PROJECT TITLE:<br><br>UPGRADE SUBSTATION TRANSFORMERS AND<br>CIRCUIT BREAKERS |                                                                                                                                                     |                          |                       | PROJECT LOCATION:<br><br>PHILLIPS, EAST MAIN, WEST MAIN AND<br>CHESTNUT HILL RD SUBSTATIONS |         |         |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                               |                                                                                                                                                     |                          | In Progress           |                                                                                             |         |         |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                               | Project underway and must be completed                                                                                                              |                          |                       |                                                                                             |         |         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               |                                                                                                                                                     |                          | Sustainable Community |                                                                                             |         |         |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Due to the load increase on Cleveland Avenue, which consumed most of the city's back-up capacity between West Main Street substation transformer 76 and East Main Street substation transformer 80, a new substation transformer is required at the West Main Street substation. This will allow the load to be split on circuit 80-1 which feeds Cleveland Avenue at Paper Mill Road. Approximately 1000kW of 4kV load will be upgraded to 12.47kV on West Main Street and in Nottingham Green.</p> <p>In order to meet upcoming load increases on the Star Campus and reinforce the distribution system by providing back-up power, a new substation transformer is required at the Chestnut Hill Road substation. A new line extension from the substation to South College Avenue will also be built. The new transformer will back-up Chestnut Hill Road feeders 74-1 and 74-2, Phillips 7 and Phillips 86-2.</p> <p>Also includes (previous CIP E1803) - South Chapel Transformer Replacement:<br/>           - Transformer 11 at South Chapel Street Substation is a 2500/3500kVA transformer installed in 1969. Recent electrical tests and oil testing has shown the transformer is at its end of life. The unit is a back-up to South Chapel 13 (5000kva) which has a 3100kVA load on it. Unit 11 is close to not being able to back-up 13 in an emergency. It is proposed to replace unit 11 with a 10,000kVA transformer. This new transformer will back-up transformer 13 at South Chapel Substation, unit 74 at Chestnut Hill Road substation and unit 82 at Wyoming Road substation. Unit 11 is a sister unit of West Main unit 41 which has failed 3 times in its lifetime.</p> |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         |         |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               |                                                                                                                                                     | PROJECT COST BY CATEGORY |                       |                                                                                             |         |         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2011                                                                          | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS          |                       | AMOUNT                                                                                      |         |         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2018                                                                          | Labor                                                                                                                                               | 5195106.9830             |                       | \$ 128,000                                                                                  |         |         |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30 YRS.                                                                       | Materials                                                                                                                                           | 5195106.9730             |                       | \$ 539,500                                                                                  |         |         |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3,499,000                                                                     | Other Contracts                                                                                                                                     | 5195106.9730             |                       | \$ 32,500                                                                                   |         |         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2,799,000                                                                     | Total Project Cost                                                                                                                                  |                          | \$                    |                                                                                             | 700,000 |         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 700,000                                                                       | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                          |                       |                                                                                             |         |         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         |         |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         |         |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PRIOR <sup>2</sup>                                                            | 2018                                                                                                                                                | 2019                     | 2020                  | 2021                                                                                        | 2022    | TOTAL   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                               | 700,000                                                                                                                                             |                          |                       |                                                                                             |         | 700,000 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         | -       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         | -       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         | -       |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         | -       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                             | 700,000                                                                                                                                             | -                        | -                     | -                                                                                           | -       | 700,000 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         |         |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         |         |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2018                                                                          | 2019                                                                                                                                                | 2020                     | 2021                  | 2022                                                                                        | TOTAL   |         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                               |                                                                                                                                                     |                          |                       |                                                                                             |         |         |



E 1105



## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: ELECTRIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 | DIVISION: ELECTRIC                                                                                                                                  |                              |
| PROJECT NO:<br>E0503                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>SCADA AND AUTOMATIC SWITCHING |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 | In Prior Program                                                                                                                                    |                              |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Project underway and must be completed          |                                                                                                                                                     |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The auto transfer system will allow intelligent transfer of substations on the 34.5kV subtransmission system using reclosers to isolate a faulted circuit and switch a substation to a different circuit if all logic conditions are met. Large outages will be reduced to about a minute and a notification of a transfer will be sent to on call personnel to investigate.</p> <p>Also includes (previous CIP E1802) - 15KV Automatic Switching:</p> <p>This project will add 8 - 15kV reclosers to the existing automation software in 2018 to improve reliability to customers at the Delaware Technology Park and customers on Bellevue Road. The reclosers will automatically isolate a faulted circuit and switch the customers to a different circuit if the alternate circuit is available. In 2019, 11 reclosers will be installed to improve reliability to the UD Center Campus and North Campus. In 2022, 10 reclosers will be installed on South College and the Christina Parkway to improve reliability to the UD South Campus and the Star Campus.</p> |                                                 |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2005                                            | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2022                                            | Labor                                                                                                                                               | 5195106.9860                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20 YRS                                          | Materials                                                                                                                                           | 5195106.9760                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2,468,042                                       | Other Contracts                                                                                                                                     | 5195106.9960                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1,300,042                                       | Total Project Cost                                                                                                                                  | \$ 1,168,000                 |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,168,000                                       | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                              | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                                                                                                                                     | 413,000                      |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 | 300,000                                                                                                                                             |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                              |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                               | 300,000                                                                                                                                             | 413,000                      |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2018                                            | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 25,000                                          | 30,000                                                                                                                                              | 30,000                       |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                        |                                                                                                                                                     |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: <b>ELECTRIC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        | DIVISION: <b>ELECTRIC</b>                                                                                                                           |                                     |
| PROJECT NO:<br><b>EEQSF</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br><b>EQUIPMENT REPLACEMENT PROGRAM</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                        |                                                                                                                                                     |                                     |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        | Project underway and must be completed                                                                                                              |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                        | Sustainable Community                                                                                                                               |                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planning advance funding accumulated through depreciation to replace essential equipment when necessary.</p> <p>Vehicles scheduled to be replaced:</p> <p>Vehicle #103:<br/>Mid-size 4x4 SUV, possible change to a 4x4 pick up truck. We tried to go with an electric drive unit, but not available yet. Budget \$40,000</p> <p>Vehicle #105:<br/>Large diesel digger/pole truck. Budget number \$260,000</p> <p>Vehicle #126:<br/>Heavy duty 4x4 pick up truck for; mark out crew, mat transport, arrowboard transport, crash cart transport. GVWR must be over 9600 lbs. to remain legal to pull crash cart. Budget number \$40,000.</p> |                                                        |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ongoing                                                | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ongoing                                                | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VARIOUS                                                | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,042,500                                              | Other Contracts                                                                                                                                     | 5195106.9623                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                        | Total Project Cost                                                                                                                                  | \$ 1,042,500                        |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1,042,500                                              | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                        |                                                                                                                                                     |                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                        |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>PRIOR<sup>2</sup></b>                               | <b>2018</b>                                                                                                                                         | <b>2019</b>                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                        |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                        |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                        | 340,000                                                                                                                                             | 400,500                             |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                        |                                                                                                                                                     |                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                        |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                        |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                        |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>-</b>                                               | <b>340,000</b>                                                                                                                                      | <b>400,500</b>                      |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                    |                                                        |                                                                                                                                                     |                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                        |                                                                                                                                                     |                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>2018</b>                                            | <b>2019</b>                                                                                                                                         | <b>2020</b>                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                        |                                                                                                                                                     |                                     |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**ELECTRIC UTILITY**

| VEH<br>NUMB            | DESCRIPTION                          | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | RECOM'D<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |           |           |      |      |  |
|------------------------|--------------------------------------|------------------|-------------------|------------------------------|-------------------------------|-------------------------|------------------------|------------------------|-------------------|-----------|-----------|------|------|--|
|                        |                                      |                  |                   |                              |                               |                         |                        |                        | 2018              | 2019      | 2020      | 2021 | 2022 |  |
| STAFF CARS             |                                      |                  |                   |                              |                               |                         |                        |                        |                   |           |           |      |      |  |
| 103                    | 2010 Dodge Nitro                     | 05/28/10         | 19,567            | 77,211                       | 70,000                        | 5                       | 2015                   | 2018                   | 40,000            |           |           |      |      |  |
| 116                    | 2008 Ford Focus Sedan                | 06/06/08         | 11,281            | 62,549                       | 60,000                        | 9                       | 2017                   | 2023                   |                   |           |           |      |      |  |
| 120                    | 2012 Toyota Camry Hybrid             | 03/19/12         | 24,718            | 10,988                       | 70,000                        | 10                      | 2022                   | 2023                   |                   |           |           |      |      |  |
| LINE TRUCKS            |                                      |                  |                   |                              |                               |                         |                        |                        |                   |           |           |      |      |  |
| 100                    | 1997 Int'l 4700 Stake Truck          | 03/14/97         | 39,285            | 57,128                       | 110,000                       |                         | N/A                    | N/A                    |                   |           |           |      |      |  |
| 101                    | 2017 Int'l 4300 Bucket Truck         | 01/13/17         | 174,983           | 4,875                        | 75,000                        | 8                       | 2025                   | 2025                   |                   |           |           |      |      |  |
| 104                    | 2013 International 7400 Digger       | 09/21/12         | 228,003           | 29,753                       | 75,000                        | 8                       | 2020                   | 2020                   |                   |           | 267,000   |      |      |  |
| 105                    | 2006 International 7400 Pole Truck   | 09/01/06         | 166,920           | 31,336                       | 65,000                        | 8                       | 2014                   | 2018                   | 260,000           |           |           |      |      |  |
| 115                    | EZ Hauler 4100 Mini Digger Derrick   | 09/12/08         | 120,732           | --                           | --                            | 8                       | 2016                   | 2019                   |                   | 155,000   |           |      |      |  |
| 122                    | 2017 Int'l 4300 Bucket Truck         | 01/13/17         | 197,637           | 3,414                        | 65,000                        | 8                       | 2025                   | 2025                   |                   |           |           |      |      |  |
| 124                    | 2009 Ford F750 Aerial Lift           | 09/18/09         | 149,600           | 46,470                       | 100,000                       | 8                       | 2018                   | 2019                   |                   | 215,500   |           |      |      |  |
| 126                    | 2009 Ford F250 Truck                 | 04/03/09         | 19,965            | 101,150                      | 90,000                        | 8                       | 2017                   | 2018                   | 40,000            |           |           |      |      |  |
| 130                    | 2013 Ford F750 Aerial Lift           | 01/14/14         | 176,500           | 26,211                       | 75,000                        | 8                       | 2022                   | 2023                   |                   |           |           |      |      |  |
| 147                    | 2015 Ford F750 Bucket Truck          | 07/31/15         | 164,100           | 17,239                       | 75,000                        | 8                       | 2023                   | 2023                   |                   |           |           |      |      |  |
| PICK-UPS & VANS        |                                      |                  |                   |                              |                               |                         |                        |                        |                   |           |           |      |      |  |
| 129                    | 2011 Ford 3/4 Ton Utility Body       | 07/02/10         | 27,412            | 32,415                       | 90,000                        | 10                      | 2020                   | 2023                   |                   |           |           |      |      |  |
| 132                    | 2008 GMC Sierra 2500 Pickup          | 10/03/08         | 20,579            | 36,073                       | 65,000                        | 10                      | 2018                   | 2020                   |                   |           | 35,000    |      |      |  |
| 145                    | 2017 Ford F250 S.D. Utility Body 4x4 | 08/11/17         | 37,552            | 170                          | 65,000                        | 10                      | 2027                   | 2027                   |                   |           |           |      |      |  |
| OTHER EQUIPMENT        |                                      |                  |                   |                              |                               |                         |                        |                        |                   |           |           |      |      |  |
| 154                    | 2005 Daewoo 5K Forklift              | 10/14/05         | 21,450            | --                           | --                            | 10                      | 2015                   | 2019                   |                   | 30,000    |           |      |      |  |
| 155                    | 2008 Komatsu 10K Fork                | 11/30/15         | 24,900            | --                           | --                            | 10                      | 2019                   | 2023                   |                   |           |           |      |      |  |
| TOTAL ELECTRIC UTILITY |                                      |                  |                   |                              |                               |                         |                        |                        | \$340,000         | \$400,500 | \$302,000 | \$0  | \$0  |  |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**WATER FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                                                 | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM<br>RECOMMENDED FUNDING |                    |                    |                    |                    |                     |
|-------------------------------------------|-------------------------------------------------|----------------|-----------------------------|--------------------|---------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
|                                           |                                                 |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | 2018                                                          | 2019               | 2020               | 2021               | 2022               | TOTAL               |
| W1701                                     | Valve Inspection, Exercising and Rehabilitation | D              | \$0                         | \$0                | \$0                                                           | \$165,000          | \$125,000          | \$125,000          | \$125,000          | \$540,000           |
| W1702                                     | Source Water Protection                         | D              | 20,000                      | 20,000             | 20,000                                                        | 20,000             | 20,000             | 20,000             | 20,000             | 100,000             |
| W1703                                     | Laird Tract Well Field Treatment Plant          | D              | 0                           | 0                  | 0                                                             | 0                  | 225,000            | 1,925,000          | 0                  | 2,150,000           |
| W1601                                     | Backup Generation at Remote Wells               | D              | 0                           | 82,500             | 82,500                                                        | 70,000             | 0                  | 0                  | 0                  | 152,500             |
| W1602                                     | Roseville Park Pressure District                | B              | 0                           | 0                  | 0                                                             | 0                  | 25,000             | 250,000            | 0                  | 275,000             |
| W1503                                     | Academy Street Interconnection Station          | D              | 42,500                      | 0                  | 0                                                             | 50,000             | 500,000            | 0                  | 0                  | 550,000             |
| W1402                                     | Air Stripper Replacement/Storage Tank Config.   | D              | 225,000                     | 1,700,000          | 1,700,000                                                     | 0                  | 0                  | 0                  | 0                  | 1,700,000           |
| W1302                                     | Abandon Old Wells                               | B              | 0                           | 0                  | 0                                                             | 45,000             | 0                  | 0                  | 0                  | 45,000              |
| W1303                                     | Water System Master Plan                        | D              | 52,150                      | 50,000             | 50,000                                                        | 0                  | 0                  | 0                  | 0                  | 50,000              |
| W1304                                     | Eliminate Tank Overflows                        | B              | 67,660                      | 0                  | 0                                                             | 0                  | 0                  | 0                  | 0                  | 0                   |
| W1201                                     | Water Main: Windy Hills to Red Mill             | B              | 429,350                     | 0                  | 0                                                             | 0                  | 0                  | 0                  | 0                  | 0                   |
| W1101                                     | Curtis Plant Intake Replacement                 | D              | 86,220                      | 0                  | 0                                                             | 0                  | 0                  | 0                  | 0                  | 0                   |
| W1102                                     | Lime Silo/Delivery Rehabilitation               | D              | 0                           | 0                  | 0                                                             | 0                  | 0                  | 0                  | 0                  | 0                   |
| W1104                                     | South Well Field Post Filter pH Adjustment      | D              | 100,000                     | 0                  | 0                                                             | 0                  | 0                  | 0                  | 0                  | 0                   |
| W0503                                     | Well Restoration                                | A              | 28,000                      | 28,000             | 28,000                                                        | 28,000             | 58,000             | 29,000             | 29,000             | 172,000             |
| W0002                                     | Alternative Disinfection Equipment              | B              | 643,000                     | 673,000            | 673,000                                                       | 0                  | 0                  | 0                  | 0                  | 673,000             |
| W9302                                     | SCADA System                                    | D              | 150,000                     | 200,000            | 200,000                                                       | 200,000            | 50,000             | 50,000             | 50,000             | 550,000             |
| W9308                                     | Water Main Renovation Program                   | D              | 1,000,000                   | 500,000            | 500,000                                                       | 1,000,000          | 500,000            | 1,000,000          | 1,000,000          | 4,000,000           |
| W8605                                     | Water Tank Maintenance                          | D              | 25,000                      | 700,000            | 700,000                                                       | 350,000            | 700,000            | 500,000            | 0                  | 2,250,000           |
| WEQSF                                     | Vehicle Replacement Program                     | D              | 190,000                     | 0                  | 0                                                             | 20,000             | 230,000            | 75,000             | 0                  | 325,000             |
| Total Water Fund-Water Division           |                                                 |                | <u>\$3,058,880</u>          | <u>\$3,953,500</u> | <u>\$3,953,500</u>                                            | <u>\$1,948,000</u> | <u>\$2,433,000</u> | <u>\$3,974,000</u> | <u>\$1,224,000</u> | <u>\$13,532,500</u> |
|                                           |                                                 |                |                             |                    |                                                               |                    |                    |                    |                    |                     |
| GROSS CAPITAL IMPROVEMENTS                |                                                 |                | \$3,058,880                 | \$3,953,500        | \$3,953,500                                                   | \$1,948,000        | \$2,433,000        | \$3,974,000        | \$1,224,000        | \$13,532,500        |
| LESS: USE OF RESERVES                     |                                                 |                | (1,395,880)                 | (771,000)          | (771,000)                                                     | (5,000)            | 0                  | 0                  | 0                  | (776,000)           |
| VEHICLE/EQUIPMENT REPLACEMENT             |                                                 |                | (190,000)                   | 0                  | 0                                                             | (20,000)           | (230,000)          | (75,000)           | 0                  | (325,000)           |
| GRANTS                                    |                                                 |                | 0                           | (82,500)           | (82,500)                                                      | (70,000)           | (150,000)          | 0                  | 0                  | (302,500)           |
| BOND ISSUES                               |                                                 |                | 0                           | 0                  | 0                                                             | 0                  | 0                  | 0                  | 0                  | 0                   |
| OTHER                                     |                                                 |                | <u>0</u>                    | <u>(3,100,000)</u> | <u>(3,100,000)</u>                                            | <u>(350,000)</u>   | <u>(700,000)</u>   | <u>(2,100,000)</u> | <u>0</u>           | <u>(6,250,000)</u>  |
| NET CAPITAL IMPROVEMENTS                  |                                                 |                | <u>\$1,473,000</u>          | <u>\$0</u>         | <u>\$0</u>                                                    | <u>\$1,503,000</u> | <u>\$1,353,000</u> | <u>\$1,799,000</u> | <u>\$1,224,000</u> | <u>\$5,879,000</u>  |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------|---------|---------|---------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  | DIVISION: Water                                                                                                                                     |                                  |            |         |         |         |
| PROJECT NO:<br><br>W1701                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PROJECT TITLE:<br><br>Valve Inspection, Exercising and Rehabilitation            |                                                                                                                                                     | PROJECT LOCATION:<br><br>Various |            |         |         |         |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                  | New Project                                                                                                                                         |                                  |            |         |         |         |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                  |            |         |         |         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  | Sustainable Community                                                                                                                               |                                  |            |         |         |         |
| Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
| According to AWWA, “Each valve should be operated through a full cycle and returned to it’s normal position on a schedule that is designed to prevent a buildup of tuberculation [rust formation in pipes as a result of corrosion] or other deposits that could render the valve inoperable or prevent a tight shutoff. The interval of time between operations of valves in critical locations or valves subjected to severe operating conditions should be shorter than for other less important installations, but can be whatever time period is found to be satisfactory based on local experience. The number of turns required to complete the operation cycle should be recorded and compared with permanent installation records to ensure that full gate travel (i.e., it can be opened and closed) is maintained. |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
| This project proposed to develop a valve exercising program utilizing the recently completed GIS database and contract documents in 2019 that would be put out to bid in a multi-year contract with an initial goal of exercising all valves in the system within the first 5 years. During this period we would also re-visit previously exercised valves to attempt to determine the appropriate return interval for service in the coming years.                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
| It is our current expectation that we should exercise valves no less frequently than every 2 to 3 years but we have spread out the initial round over 5 years because it is our expectation that there will be a higher than normal failure rate resulting in higher than normal replacement costs. We will revisit this estimate annually during the program as we have more data to support optimization.                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  | PROJECT COST BY CATEGORY                                                                                                                            |                                  |            |         |         |         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2017                                                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                  | AMOUNT     |         |         |         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2022                                                                             | Labor                                                                                                                                               |                                  |            |         |         |         |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100                                                                              | Materials                                                                                                                                           | 5295203.9760                     | \$ 175,000 |         |         |         |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 540,000                                                                          | Other Contracts                                                                                                                                     | 5295206.9760                     | \$ 365,000 |         |         |         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                | Total Project Cost \$ 540,000                                                                                                                       |                                  |            |         |         |         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 540,000                                                                          | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                  |            |         |         |         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0%                                                                               |                                                                                                                                                     |                                  |            |         |         |         |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PRIOR <sup>2</sup>                                                               | 2018                                                                                                                                                | 2019                             | 2020       | 2021    | 2022    | TOTAL   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                                                                                                                                     | 165,000                          | 125,000    | 125,000 | 125,000 | 540,000 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     |                                  |            |         |         | -       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  |                                                                                                                                                     |                                  |            |         |         | -       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                  |            |         |         | -       |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     |                                  |            |         |         | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                  |            |         |         | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                  |            |         |         | -       |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                | -                                                                                                                                                   | 165,000                          | 125,000    | 125,000 | 125,000 | 540,000 |
| <sup>2</sup> "Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                  |            |         |         |         |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  | 2018                                                                                                                                                | 2019                             | 2020       | 2021    | 2022    | TOTAL   |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                  |            |         |         | -       |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  | DIVISION: Water                                                                                                                                     |                                                 |
| PROJECT NO:<br>W1702                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br>Source Water Protection                                        |                                                                                                                                                     | PROJECT LOCATION:<br>White Clay Creek Watershed |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                  | New Project                                                                                                                                         |                                                 |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                                 |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  | Healthy & Active Community                                                                                                                          |                                                 |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project will fund source water protection efforts in the White Clay Creek watershed, upstream from our surface water intake at the Curtis Water Treatment Plant. The goal for these projects is to reduce risk of contamination from both point and non point source pollution sources. Additionally, projects may also seek to reduce bacterial, nutrient, and sediment loading in the creek which will improve water quality, improving treatment efficiency, while reducing electrical and chemical costs slowly over time. As an added benefit, in addition to Source Water protection, we are also in discussions with DNREC to allow the efforts from these projects to be included in our NPDES Permit compliance reporting.</p> <p>Previously, projects of this sort have been funded on an ad-hoc basis using operating funding when available. In order to realize a benefit this will require a long term commitment allowing community partners with leveraging funding a reliable matching funding source. Additionally, the PWWR Department is working with the UD Water Resources Agency and the Nature Conservancy with funding from the William Penn Foundation to develop the Brandywine-Christina Healthy Water Fund. The goal of this fund is to implement a funding mechanism and science-based investment protocol to restore the Brandywine-Christina watershed to fishable, swimmable, and potable status within 10 years. A water fund is a mechanism for downstream beneficiaries to invest in upstream conservation measures designed to secure freshwater resources – both quality and quantity. Our funding would be leveraged to access other funding sources, multiplying our impact. Moving forward there will be a consistent source of projects, prioritized by their cost effectiveness at achieving the fishable, swimmable, potable goal. A pilot project for this fund is currently underway in 2017 and we have provided this funding as described. For more information on the fund please visit: <a href="http://www.wra.udel.edu/brandywine-christina-healthy-water-fund/">http://www.wra.udel.edu/brandywine-christina-healthy-water-fund/</a></p> |                                                                                  |                                                                                                                                                     |                                                 |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  | PROJECT COST BY CATEGORY                                                                                                                            |                                                 |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2017                                                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                 |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2027                                                                             | Labor                                                                                                                                               |                                                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20                                                                               | Materials                                                                                                                                           |                                                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100,000                                                                          | Other Contracts                                                                                                                                     | 5295206.9760                                    |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                | Total Project Cost                                                                                                                                  | \$ 100,000                                      |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100,000                                                                          | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                 |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0%                                                                               |                                                                                                                                                     |                                                 |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                                 |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PRIOR <sup>2</sup>                                                               | 2018                                                                                                                                                | 2019                                            |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                     | 20,000                                          |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  | 20,000                                                                                                                                              |                                                 |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  |                                                                                                                                                     |                                                 |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                  |                                                                                                                                                     |                                                 |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                                                                                                     |                                                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                                 |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                                | 20,000                                                                                                                                              | 20,000                                          |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  |                                                                                                                                                     |                                                 |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |                                                                                                                                                     |                                                 |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2018                                                                             | 2019                                                                                                                                                | 2020                                            |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                                 |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  | DIVISION: WATER                                                                                                                                     |                                                          |
| PROJECT NO:<br><b>W1703</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PROJECT TITLE:<br><b>LAIRD TRACT WELL FIELD RESTORATION</b>                      |                                                                                                                                                     | PROJECT LOCATION:<br><b>CURTIS WATER TREATMENT PLANT</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                  | <b>New Project</b>                                                                                                                                  |                                                          |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                                          |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  | Healthy & Active Community                                                                                                                          |                                                          |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project will fund the design and construction of a new drinking water treatment plant or supply configuration changes necessary for the reliable supply for the existing treatment plant, capable of processing the existing public supply wells in the City's Laird Tract Well Field (LTWF). The wells, installed in 1971 (Wells 23 &amp; 25) and 1990 (Well 20 &amp; 21), pumped groundwater directly into the system with no filtration; however, as government regulations were developed and due to the City's commitment to providing high quality drinking water the Laird well water is no longer adequate for direct distribution. Specifically, the water quality of the wells consist of elevated levels of iron, manganese, and hydrogen sulfide none of which present a risk to human health but do result in poor aesthetics (i.e. taste, color, odor).</p> <p>The reintroduction of the LTWF wells would provide the City with up to 1.5 million gallons per day, which becomes more important in times of drought, when we would be able to continue to draw up to 1.5 mgd when our creek passby requirements are not being met and our surface water intake is shut down. Alternatives include additional feeds that would introduce well water to the Newark Reservoir, which can have nutrient problems due to pumping of nutrient rich water from our surface water intake. We anticipate testing and rehabilitating the wells in 2020 along with the design of the collection system upgrades with the full project being constructed in 2021.</p> <p>The wells located in, or adjacent to, the protected lands of the White Clay Creek State Park provide the City a reliable long-term water supply solution. The parkland surrounding the LTWF is in direct contrast to the City's South Well Field Treatment Plant (SWF) where the land use is predominantly commercial/industrial resulting in higher risk of contamination.</p> |                                                                                  |                                                                                                                                                     |                                                          |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                          |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2017                                                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                          |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2027                                                                             | Labor                                                                                                                                               |                                                          |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                                                               | Materials                                                                                                                                           |                                                          |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2,150,000                                                                        | Other Contracts                                                                                                                                     | 5295206.9760                                             |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                | Total Project Cost                                                                                                                                  | \$ 2,150,000                                             |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2,150,000                                                                        | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                          |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0%                                                                               |                                                                                                                                                     |                                                          |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  |                                                                                                                                                     |                                                          |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PRIOR<sup>2</sup></b>                                                         | <b>2018</b>                                                                                                                                         | <b>2019</b>                                              |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                                                                                                                                     | 75,000                                                   |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     | 325,000                                                  |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  |                                                                                                                                                     |                                                          |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                                          |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     | 150,000                                                  |
| OTHER (Specify) SRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                                                                                                     | 1,600,000                                                |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                                          |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>-</b>                                                                         | <b>-</b>                                                                                                                                            | <b>225,000</b>                                           |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  |                                                                                                                                                     |                                                          |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                                                                                                     |                                                          |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>2018</b>                                                                      | <b>2019</b>                                                                                                                                         | <b>2020</b>                                              |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     | 20,000                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     | 20,000                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     | 20,000                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     | 60,000                                                   |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         | DIVISION: WATER                                                                                                                                     |                                                    |
| PROJECT NO:<br>W1601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PROJECT TITLE:<br>BACKUP GENERATION AT WATER FACILITIES |                                                                                                                                                     | PROJECT LOCATION:<br>WELL 17 AND NORTHWEST BOOSTER |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                         | New Project                                                                                                                                         |                                                    |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Project underway and must be completed                  |                                                                                                                                                     |                                                    |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         | Healthy & Active Community                                                                                                                          |                                                    |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>We currently have backup generation at the South Well Field Treatment Plant (SWF) which would allow the plant to continue operating during an emergency. Unfortunately, there are only three wells that also have backup generation capability and of those, only one could be used during a widespread power outage due to groundwater contamination. Due to this, the fact that we have backup power at SWF is generally irrelevant and the plant would be basically offline during emergencies. Fortunately, as long as the Curtis Treatment Plant is online and fully operational we can go without SWF if needed, albeit at a higher cost of production and the potential need for water restrictions depending on the time of year.</p> <p>When this project was originally created, two of our three current high production wells - wells 15 and 17 - lacked backup power. This project originally proposed the installation of generators at each well. The sites will be served by natural gas or diesel generators with a preference toward natural gas, if available. Since the original proposal of the project, we have been able to repurpose an obsolete generator from the old Arbour Park booster station to operate Well 15. The cost was less than \$5000, saving approximately \$50,000 from this project.</p> <p>Total estimated cost for backup power for a well is \$70,000 for natural gas or \$58,000 for diesel, per location. 2018 will cover engineering and bid preparation for Well 17 and the NW Booster along with the actual construction at the NW Booster. 2019 will cover construction at Well 17.</p> |                                                         |                                                                                                                                                     |                                                    |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         | PROJECT COST BY CATEGORY                                                                                                                            |                                                    |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2016                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                    |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2019                                                    | Labor                                                                                                                                               |                                                    |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20                                                      | Materials                                                                                                                                           |                                                    |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 152,500                                                 | Other Contracts                                                                                                                                     | 5295206.9760                                       |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                       | Total Project Cost \$ 152,500                                                                                                                       |                                                    |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 152,500                                                 | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                    |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0%                                                      |                                                                                                                                                     |                                                    |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                         |                                                                                                                                                     |                                                    |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PRIOR <sup>2</sup>                                      | 2018                                                                                                                                                | 2019                                               |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                         |                                                                                                                                                     |                                                    |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                         |                                                                                                                                                     |                                                    |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                         |                                                                                                                                                     |                                                    |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                         |                                                                                                                                                     |                                                    |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                         | 82,500                                                                                                                                              | 70,000                                             |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                                                                                                                                                     |                                                    |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                                                                                                                                                     |                                                    |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                       | 82,500                                                                                                                                              | 70,000                                             |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                         |                                                                                                                                                     |                                                    |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                         |                                                                                                                                                     |                                                    |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2018                                                    | 2019                                                                                                                                                | 2020                                               |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                                                                                                                                                     |                                                    |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |                                                                                                                                                     |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                    | DIVISION: Water                                                                                                                                     |                                                       |
| PROJECT NO:<br>W1602                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br>Roseville Park Pressure District |                                                                                                                                                     | PROJECT LOCATION:<br>Roseville Park & Delaplane Manor |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                    |                                                                                                                                                     |                                                       |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                    | The City would be taking a calculated risk in the deferral of this item                                                                             |                                                       |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                    | Sustainable Community                                                                                                                               |                                                       |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The higher elevation areas of Roseville Park and Delaplane Manor subdivisions have very low water pressure and little fire protection water flows, often losing pressure entirely when a hydrant downhill is opened creating potential for backflows and excessive water discoloration. The first year of this project was to investigate alternative solutions with costs to be used to budget for design and construction in 2021 depending on funding availability. We have identified the best solution which is a booster station that will be located on Laurel Avenue. This solution was more cost effective than the other options while providing a larger improvement to pressures. Due to the piping configuration we believe this installation can be performed using in-house forces. If we determine otherwise once we get further into the design phase the construction cost estimate will have to be revised upward at that time. DEAUTHORIZE \$16,727 AND TRANSFER TO W0002.</p> |                                                    |                                                                                                                                                     |                                                       |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                    | PROJECT COST BY CATEGORY                                                                                                                            |                                                       |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2016                                               | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                       |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2021                                               | Labor                                                                                                                                               |                                                       |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                                                | Materials                                                                                                                                           |                                                       |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 275,000                                            | Other Contracts                                                                                                                                     | 5295206.9760                                          |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                    | Total Project Cost                                                                                                                                  | \$ 275,000                                            |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 275,000                                            | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                       |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0%                                                 |                                                                                                                                                     |                                                       |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                    |                                                                                                                                                     |                                                       |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PRIOR <sup>2</sup>                                 | 2018                                                                                                                                                | 2019                                                  |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                                                                                                                                     | 25,000                                                |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |                                                                                                                                                     |                                                       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |                                                                                                                                                     |                                                       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                    |                                                                                                                                                     |                                                       |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |                                                                                                                                                     |                                                       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |                                                                                                                                                     |                                                       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |                                                                                                                                                     |                                                       |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                  | -                                                                                                                                                   | 25,000                                                |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                    |                                                                                                                                                     |                                                       |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                    |                                                                                                                                                     |                                                       |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2018                                               | 2019                                                                                                                                                | 2020                                                  |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                  | -                                                                                                                                                   | -                                                     |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                            |                                                                                                                                                     |                                                         |                |             |              |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------|-------------|--------------|----------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                            | DIVISION: Water                                                                                                                                     |                                                         |                |             |              |                |
| PROJECT NO:<br>W1503                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>Academy St. Interconnection Pump Station |                                                                                                                                                     | PROJECT LOCATION:<br>Academy Street and Waterworks Lane |                |             |              |                |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |                                                                                                                                                     |                                                         |                |             |              |                |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            | The City would be taking a calculated risk in the deferral of this item                                                                             |                                                         |                |             |              |                |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                            | Sustainable Community                                                                                                                               |                                                         |                |             |              |                |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>The City of Newark's drinking water currently comes from one of three sources, the Newark Water Treatment Plant (NWTP), South Well Field (SWF), and interconnections with Suez (formerly United Water) and Artesian Water Companies. If we were to have a long term outage at the NWTP (plant maintenance or failure resulting in NWTP being fully or partially offline for several days), SWF will be unable to keep up with demand, requiring the purchase of water from either Suez or Artesian. NWTP can usually keep up with demand if SWF were to be out of service but may require water purchases if the SWF were to fail during the peak season. In 2014 we had to purchase water from United during the NWTP filter rehab project and experienced a failure of the 2.0 MGD pump, requiring significant repairs.</p> <p>Our interconnection with Suez, located at the intersection of Academy Street and Waterworks Lane, is the existing interconnection location best suited to serve as the backup supply for the NWTP. The existing station has three pumps which produce 1.0, 1.5 and 2.0 million gallons per day, located in the basement of the old brick building. The pumps and building at this location are in exceedingly poor condition and will require significant repairs and possibly complete replacement if we are to rely on them for backup water service long term. This project scope has been modified in 2017 and beyond due to the relocation of the interconnection because of a relocation of the Suez water interconnection location to the south side of the railroad tracks due to the construction of the new Train Station. The new location will feature standpipes and valves which we will connect a portable pump on a temporary basis. The planning for the out years contemplates a permanent building and pumps or self contained pump package similar to recent upgrades at the Northwest Booster Station and the Arbour Park Booster Station. DEAUTHORIZE \$36,486 AND TRANSFER TO W0002.</p> |                                                            |                                                                                                                                                     |                                                         |                |             |              |                |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                            | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                         |                |             |              |                |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2015                                                       | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                         |                |             |              |                |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2020                                                       | Labor                                                                                                                                               |                                                         |                |             |              |                |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15                                                         | Materials                                                                                                                                           |                                                         |                |             |              |                |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 550,000                                                    | Other Contracts                                                                                                                                     | 5295206.9760                                            |                |             |              |                |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                            | Total Project Cost                                                                                                                                  | \$ 550,000                                              |                |             |              |                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 550,000                                                    | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                         |                |             |              |                |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2%                                                         |                                                                                                                                                     |                                                         |                |             |              |                |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                            |                                                                                                                                                     |                                                         |                |             |              |                |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                   | <b>2018</b>                                                                                                                                         | <b>2019</b>                                             | <b>2020</b>    | <b>2021</b> | <b>2022</b>  | <b>TOTAL</b>   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                            |                                                                                                                                                     | 50,000                                                  | 500,000        |             |              | 550,000        |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                            |                                                                                                                                                     |                                                         |                |             |              | -              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                            |                                                                                                                                                     |                                                         |                |             |              | -              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |                                                                                                                                                     |                                                         |                |             |              | -              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                            |                                                                                                                                                     |                                                         |                |             |              | -              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                            |                                                                                                                                                     |                                                         |                |             |              | -              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                            |                                                                                                                                                     |                                                         |                |             |              | -              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                   | <b>-</b>                                                                                                                                            | <b>50,000</b>                                           | <b>500,000</b> | <b>-</b>    | <b>-</b>     | <b>550,000</b> |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                            |                                                                                                                                                     |                                                         |                |             |              |                |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                            |                                                                                                                                                     |                                                         |                |             |              |                |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                | <b>2019</b>                                                                                                                                         | <b>2020</b>                                             | <b>2021</b>    | <b>2022</b> | <b>TOTAL</b> |                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                          | -                                                                                                                                                   | -                                                       | -              | -           | -            |                |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |                                                                                                                                                     |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                             | DIVISION: WATER                                                                                                                                     |                                                       |
| PROJECT NO:<br>W1402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PROJECT TITLE:<br>AIR STRIPPER REPLACEMENT SOUTH WELL FIELD |                                                                                                                                                     | PROJECT LOCATION:<br>SOUTH WELL FIELD TREATMENT PLANT |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |                                                                                                                                                     |                                                       |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                             | Critical need to remediate failing service, prevent failure, or generate savings                                                                    |                                                       |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                             | Sustainable Community                                                                                                                               |                                                       |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The current air stripper has been in service for approximately 15 years running 24/7 and is likely nearing the end of it's service life. The system is very difficult to maintain due to its location on top of the raw water tank. Although effective at removing the harmful contaminants in the groundwater, it is unable to adequately treat all of the available source water (wells 14r and 16) resulting in these wells sitting idle. Furthermore, because there is no redundancy in the treatment process if the air stripper were to fail the South Well Field Treatment Plant (which accounts to roughly 40% of the City's water production) would need to be shut down.</p> <p>Funding for this project to proceed past the design phase will occur should council desire the utilization of dept, via the State of Delaware Revolving Loan or other funding sources, and and public referendum passes.</p> <p>2018 - Design, Referendum, and Bidding<br/>2019 - Construction</p> <p>DEAUTHORIZE \$195,000 AND MOVE TO W0002.</p> |                                                             |                                                                                                                                                     |                                                       |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                             | PROJECT COST BY CATEGORY                                                                                                                            |                                                       |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2014                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                       |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2018                                                        | Labor                                                                                                                                               |                                                       |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15                                                          | Materials                                                                                                                                           |                                                       |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1,730,000                                                   | Other Contracts                                                                                                                                     | 5295206.9740                                          |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30,000                                                      | Total Project Cost \$ 1,730,000                                                                                                                     |                                                       |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,700,000                                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                       |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5%                                                          |                                                                                                                                                     |                                                       |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                             |                                                                                                                                                     |                                                       |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PRIOR <sup>2</sup>                                          | 2018                                                                                                                                                | 2019                                                  |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                             |                                                                                                                                                     |                                                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                             |                                                                                                                                                     |                                                       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |                                                                                                                                                     |                                                       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                             |                                                                                                                                                     |                                                       |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                             |                                                                                                                                                     |                                                       |
| OTHER (Specify) SRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             | 1,700,000                                                                                                                                           |                                                       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |                                                                                                                                                     |                                                       |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                           | 1,700,000                                                                                                                                           | -                                                     |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                             |                                                                                                                                                     |                                                       |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |                                                                                                                                                     |                                                       |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2018                                                        | 2019                                                                                                                                                | 2020                                                  |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |                                                                                                                                                     |                                                       |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     | DIVISION: WATER                                                                                                                                     |                              |
| PROJECT NO:<br>W1302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PROJECT TITLE:<br>ABANDON OIL WELLS |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |                                                                                                                                                     |                              |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     | The City would be taking a calculated risk in the deferral of this item                                                                             |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The Water Department has over time developed various well fields that are no longer in use. In several cases the well head and associated piping including the well itself are still on site and subject to vandalism and possible contamination of the aquifer. This project will allow us to seal the old wells and deactivate the sites. Wells that we will be considering for closure include those associated with the City of Newark's North Well Field at Lewis Park. Any work will be done in coordination with the DNREC Division of Water Water Supply Section to obtain authorized abandonment permits and reports.</p> <p>DEAUTHORIZE \$35,000 AND MOVE TO W0002.</p> |                                     |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2013                                | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2019                                | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 45,000                              | Other Contracts                                                                                                                                     | 5295206.9760                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     | Total Project Cost \$ 45,000                                                                                                                        |                              |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 45,000                              | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                     |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PRIOR <sup>2</sup>                  | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                                                                                                     | 40,000                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5,000                               |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                                                                                     |                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>5,000</b>                        | <b>-</b>                                                                                                                                            | <b>40,000</b>                |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                           |                                     |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2018                                | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |                                                                                                                                                     |                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                                                                                                                                     |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: Public Works & Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                      | DIVISION: Water                                                                                                                                     |                              |
| PROJECT NO:<br>W1303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br>Water System Master Plan and Model |                                                                                                                                                     | PROJECT LOCATION:<br>Various |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                      |                                                                                                                                                     |                              |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | Critical need to remediate failing service, prevent failure, or generate savings                                                                    |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                      | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project will build off the water distribution system hydraulic computer model developed in 2016. The current solution models the system under a "snap shot" scenario; meaning, the system is analyzed using a specific tank levels and system demand. This project will utilize the newly collected SCADA data to develop a more sophisticated extended period simulation which will model the diurnal demand and pressure fluctuation throughout the system. The specific simulation will allow the department to more accurately estimate scenarios; such as, predicted fire flow capacity, develop unidirectional flushing plans and prioritize pipe lining and replacement locations.</p> |                                                      |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                      | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2013                                                 | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2018                                                 | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10                                                   | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 50,000                                               | Other Contracts                                                                                                                                     | 5295206.9760                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      | Total Project Cost \$ 50,000                                                                                                                        |                              |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 50,000                                               | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0%                                                   |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                      |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PRIOR <sup>2</sup>                                   | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      |                                                                                                                                                     |                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      | 50,000                                                                                                                                              |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                      |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                      |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                                                                                                                                     |                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                    | 50,000                                                                                                                                              | -                            |
| <sup>2</sup> "Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                      |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2018                                                 | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                                                                                                                                     |                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |                                                                                                                                                     |                                 |          |          |          |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------|----------|----------|----------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                           | DIVISION: Water                                                                                                                                     |                                 |          |          |          |                |
| PROJECT NO:<br>W1101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br>Curtis WTP Intake Study and Replacement |                                                                                                                                                     | PROJECT LOCATION:<br>Curtis WTP |          |          |          |                |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           |                                                                                                                                                     |                                 |          |          |          |                |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           | Project underway and must be completed                                                                                                              |                                 |          |          |          |                |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | Sustainable Community                                                                                                                               |                                 |          |          |          |                |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The dam and raceway form the back bone of the system that conveys raw water from the White Clay Creek to the Newark Treatment Plant and Reservoir Pump Station. We have had the dam inspected by our engineering consultant and they determined that there is not an imminent threat of it failing but there is the potential for it to be bypassed should the White Clay Creek change course or wash out the west side embankment during a high water event. The raceway has an antiquated waste way structure and bridge assembly that controls the level in the raceway and provides access to the raceway head gates; however, this system dates back to the late 18th century originally constructed for the curtis paper mill and signs of erosion and undercutting are apparent. Additionally, the raceway continues to sequester sediment resulting in reduced flow to the Newark Treatment Plant and Reservoir Pump Station. Currently there are no effective means to clear debris from the water that flows down the raceway creating problems with the reservoir pumps. Furthermore, efforts are underway to eliminate or mitigate the barriers that this and other dams create which prevent the migration of fish, mollusks, and other aquatic life.</p> <p>Near term issues to be addressed will be the waste way structure and a possible bar screen on the reservoir intake which would be paid for with reserves already dedicated to the project. The repairs to the waste way, selective sediment removal and new bar screen is scheduled for 2018. Large scale intake work will not occur until 2022 when the reservoir debt service is paid off. DEAUTHORIZE \$142,440 AND MOVE TO W0002.</p> |                                                           |                                                                                                                                                     |                                 |          |          |          |                |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           | PROJECT COST BY CATEGORY                                                                                                                            |                                 |          |          |          |                |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2011                                                      | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                 |          |          |          |                |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2018                                                      | Labor                                                                                                                                               |                                 |          |          |          |                |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15                                                        | Materials                                                                                                                                           |                                 |          |          |          |                |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 172,440                                                   | Other Contracts                                                                                                                                     | 5295206.9621                    |          |          |          |                |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           | Total Project Cost \$ 172,440                                                                                                                       |                                 |          |          |          |                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 172,440                                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                 |          |          |          |                |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3%                                                        |                                                                                                                                                     |                                 |          |          |          |                |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           |                                                                                                                                                     |                                 |          |          |          |                |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PRIOR <sup>2</sup>                                        | 2018                                                                                                                                                | 2019                            | 2020     | 2021     | 2022     | TOTAL          |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |                                                                                                                                                     |                                 |          |          |          | -              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 172,440                                                   |                                                                                                                                                     |                                 |          |          |          | 172,440        |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |                                                                                                                                                     |                                 |          |          |          | -              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           |                                                                                                                                                     |                                 |          |          |          | -              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           |                                                                                                                                                     |                                 |          |          |          | -              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |                                                                                                                                                     |                                 |          |          |          | -              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |                                                                                                                                                     |                                 |          |          |          | -              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>172,440</b>                                            | <b>-</b>                                                                                                                                            | <b>-</b>                        | <b>-</b> | <b>-</b> | <b>-</b> | <b>172,440</b> |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           |                                                                                                                                                     |                                 |          |          |          |                |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                           |                                                                                                                                                     |                                 |          |          |          |                |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2018                                                      | 2019                                                                                                                                                | 2020                            | 2021     | 2022     | TOTAL    |                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                         | -                                                                                                                                                   | -                               | -        | -        | -        |                |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                      |                                            | DIVISION: WATER                                                                                                                                     |                              |
| PROJECT NO:<br>W0503                                                                                                                                                                                                                                                                                                                                                            | PROJECT TITLE:<br>WELL RESTORATION PROGRAM |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                                                                                     |                              |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                            |                                            | Project underway and must be completed                                                                                                              |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                              |                                            | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Restore / Redevelop Wells 11, 12, 13, 14, 15, 16, 17, 20, 23, 25 as needed in anticipation of routine maintenance and rehabilitation.</p>                                                                                                                                                                         |                                            |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                              |                                            | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                           | 2005                                       | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                            | Perpetual                                  | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                     | 5                                          | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                 | 192,000                                    | Other Contracts                                                                                                                                     | 5295206.9760                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                   | 20,000                                     | Total Project Cost \$ 172,000                                                                                                                       |                              |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                               | 172,000                                    | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                        | 10%                                        |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                  |                                            |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                      | PRIOR <sup>2</sup>                         | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                               |                                            |                                                                                                                                                     | 28,000                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                |                                            | 28,000                                                                                                                                              |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                           |                                            |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                |                                            |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                     |                              |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                           | -                                          | 28,000                                                                                                                                              | 28,000                       |
| <sup>2</sup> "Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years." |                                            |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                    |                                            |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                | 2018                                       | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                                                                                                                     |                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| DEPARTMENT: Public Works & Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                | DIVISION: Water                                                                                                                                     |                                                   |
| PROJECT NO:<br>W0002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>CWTP Alt. Disinfection and Facility Upgrades |                                                                                                                                                     | PROJECT LOCATION:<br>Curtis Water Treatment Plant |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                |                                                                                                                                                     |                                                   |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                | Project underway and must be completed                                                                                                              |                                                   |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                | Sustainable Community                                                                                                                               |                                                   |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project will provide alternative disinfection equipment at the Curtis Water Treatment Plant (CWTP). The gaseous chlorine that we currently use is subject to increasing regulatory action. We plan to replace the gaseous chlorine with bulk sodium hypochlorite with a system similar to what is in use at the South Well Field Treatment Plant. As part of our study to select an appropriate replacement for gaseous chlorine we investigated the need for building upgrades and identified a variety of necessary rehabilitation work including roof replacement, insulation replacement, ventilation upgrades, and interior layout changes.</p> <p>Funds were deauthorized from W1101, W1102, W1302, W1402, W1503, W1602, W8605 and W9308 (\$673,000 Total) to fund 2018.</p> |                                                                |                                                                                                                                                     |                                                   |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                | PROJECT COST BY CATEGORY                                                                                                                            |                                                   |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2015                                                           | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                   |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2018                                                           | Labor                                                                                                                                               |                                                   |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20                                                             | Materials                                                                                                                                           |                                                   |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1,175,989                                                      | Other Contracts                                                                                                                                     | 5295206.9740                                      |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                | Total Project Cost \$ 1,175,989                                                                                                                     |                                                   |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,175,989                                                      | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                   |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25%                                                            |                                                                                                                                                     |                                                   |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |                                                                                                                                                     |                                                   |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                             | 2018                                                                                                                                                | 2019                                              |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                |                                                                                                                                                     |                                                   |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 502,989                                                        | 673,000                                                                                                                                             |                                                   |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |                                                                                                                                                     |                                                   |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                |                                                                                                                                                     |                                                   |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                |                                                                                                                                                     |                                                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |                                                                                                                                                     |                                                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |                                                                                                                                                     |                                                   |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>502,989</b>                                                 | <b>673,000</b>                                                                                                                                      | <b>-</b>                                          |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                |                                                                                                                                                     |                                                   |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                |                                                                                                                                                     |                                                   |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                           | 2019                                                                                                                                                | 2020                                              |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                |                                                                                                                                                     |                                                   |

## CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------|----------------------------------|---------|---------|
| DEPARTMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    | PUBLIC WORKS & WATER RESOURCES                                                                                                                      |                 | DIVISION:                       |                                  | WATER   |         |
| PROJECT NO:<br><br>W9302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    | PROJECT TITLE:<br><br>WATER SCADA                                                                                                                   |                 |                                 | PROJECT LOCATION:<br><br>VARIOUS |         |         |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| PRIORITY:      2 - High Priority Level                          Critical need to remediate failing service, prevent failure, or generate savings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                          Sustainable Community                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| Development of a SCADA System for the PWWR Department will allow us to more efficiently and effectively manage and monitor the utilities. We currently have four water plant operator positions that work three shifts per day, every day of the year. The four operators use a vehicle which has been lasting less than three years before wearing out from excessive mileage and use. With a SCADA System, we will significantly reduce the mileage driven per day due to the need to check all facilities at least once per shift. This will also free up time for the operators to perform routine preventative maintenance tasks that are currently either contracted out or not completed at all. |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| After a thorough search, the City in 2016 selected a new integrator experienced in the water and wastewater industry to provide a turn-key product. The selected integrator is currently working on a full evaluation of all of our facilities that will allow us to accurately plan out implementation over the next few years. Out year values are our best estimate as of today, Once the evaluation is complete we will update out-year funding estimates.                                                                                                                                                                                                                                          |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| Through a separate project in the sewer fund we will instrument our sewer pump stations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                                                                                                                                                     |                 | <b>PROJECT COST BY CATEGORY</b> |                                  |         |         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1993               | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS |                                 | AMOUNT                           |         |         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2022               | Labor                                                                                                                                               |                 |                                 |                                  |         |         |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15                 | Materials                                                                                                                                           |                 |                                 |                                  |         |         |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 614,448            | Other Contracts                                                                                                                                     | 5295206.9760    |                                 | \$                               | 614,448 |         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64,448             | Total Project Cost                                                                                                                                  |                 |                                 | \$                               | 614,448 |         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 550,000            | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                 |                                 |                                  |         |         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10%                |                                                                                                                                                     |                 |                                 |                                  |         |         |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PRIOR <sup>2</sup> | 2018                                                                                                                                                | 2019            | 2020                            | 2021                             | 2022    | TOTAL   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                                                                                                                                                     | 200,000         | 50,000                          | 50,000                           | 50,000  | 350,000 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                                                                                                                                                     |                 |                                 |                                  |         | -       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                                                                                                     |                 |                                 |                                  |         | -       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                                                                                                                                                     |                 |                                 |                                  |         | -       |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                                                                                                                                                     |                 |                                 |                                  |         | -       |
| OTHER (Specify) SRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    | 200,000                                                                                                                                             |                 |                                 |                                  |         | 200,000 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                 |                                 |                                  |         | -       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                  | 200,000                                                                                                                                             | 200,000         | 50,000                          | 50,000                           | 50,000  | 550,000 |
| <sup>2</sup> "Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |                                                                                                                                                     |                 |                                 |                                  |         |         |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2018               | 2019                                                                                                                                                | 2020            | 2021                            | 2022                             | TOTAL   |         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                 |                                 |                                  | -       |         |

| CITY OF NEWARK, DELAWARE<br>CAPITAL BUDGET - PROJECT DETAIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                                                                                                                                                     |                                 |                       |                              |                  |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------|------------------------------|------------------|------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  | DIVISION: WATER                                                                                                                                     |                                 |                       |                              |                  |                  |
| PROJECT NO:<br>W9308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br>WATER MAIN REPLACEMENT PROGRAM |                                                                                                                                                     |                                 |                       | PROJECT LOCATION:<br>VARIOUS |                  |                  |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  |                                                                                                                                                     |                                 |                       |                              |                  |                  |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | Project underway and must be completed                                                                                                              |                                 |                       |                              |                  |                  |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                  |                                                                                                                                                     |                                 | Sustainable Community |                              |                  |                  |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>Project involves either replacing mains or lining the interior to minimize main breaks, improve water quality, and improve fire flow. Final determination of water lines to be rehabilitated will be identified closer to contract development so that we can incorporate the latest information we have on system condition and road maintenance activity. In 2017 we completed replacement of the water main along East Park Place from South Chapel to Manuel Street. In 2018, we intend to complete the portion of East Park Place from Manuel to Academt Street. We also intend to perform a significant amount of lining to improve water quality in the Oaklands area, specifically Wilson Road and Cheltenham Road. The unit cost for lining has come down in recent years and will allow us to tackle persistent water quality problem areas where the main is otherwise structurally sufficient. We will compare pricing of lining versus replacement for this section, taking into account overall restoration costs.</p> <p>Ductile and cast iron water mains have an expected lifespan of between 75 and 100 years and make up over 95% of our distribution network. There are a large number of mains in Newark's system that are either approaching the end of their expected lifespan or have experienced a higher than normal rate of failure (main breaks). In order to properly replace mains with a 100 year lifespan, we should be replacing 1% per year, assuming an even distribution of pipe age. Current year pricing for replacement of 6" water main was \$240 per foot which means that in order to sustainably manage our distribution network, we should be spending a minimum of \$1,500,000 per year. That said, we have several large, one-time treatment plant projects in the budget over the next 5 years that are going to use up a large portion of our cash financing available so we are not going to meet our target replacement goal without utilizing debt financing. The Reservoir debt is paid off beginning in year 2022 which will allow us to make up for this deferred replacement at that time.</p> <p>DEAUTHORIZE \$177,758 AND TRANSFER TO W0002.</p> |                                                  |                                                                                                                                                     |                                 |                       |                              |                  |                  |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                                                                                                                                     | <b>PROJECT COST BY CATEGORY</b> |                       |                              |                  |                  |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1993                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                 |                       | AMOUNT                       |                  |                  |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Perpetual                                        | Labor                                                                                                                                               |                                 |                       |                              |                  |                  |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 75+                                              | Materials                                                                                                                                           |                                 |                       |                              |                  |                  |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4,060,000                                        | Other Contracts                                                                                                                                     | 5295206.9760                    |                       | \$ 4,000,000                 |                  |                  |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 60,000                                           | Total Project Cost                                                                                                                                  |                                 |                       | \$ 4,000,000                 |                  |                  |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4,000,000                                        | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                 |                       |                              |                  |                  |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5%                                               |                                                                                                                                                     |                                 |                       |                              |                  |                  |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |                                                                                                                                                     |                                 |                       |                              |                  |                  |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>PRIOR<sup>2</sup></b>                         | <b>2018</b>                                                                                                                                         | <b>2019</b>                     | <b>2020</b>           | <b>2021</b>                  | <b>2022</b>      | <b>TOTAL</b>     |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  |                                                                                                                                                     | 1,000,000                       | 500,000               | 1,000,000                    | 1,000,000        | 3,500,000        |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |                                                                                                                                                     |                                 |                       |                              |                  | -                |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |                                                                                                                                                     |                                 |                       |                              |                  | -                |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                                                                                                                                                     |                                 |                       |                              |                  | -                |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |                                                                                                                                                     |                                 |                       |                              |                  | -                |
| OTHER (Specify) SRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | 500,000                                                                                                                                             |                                 |                       |                              |                  | 500,000          |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                                                                                                                     |                                 |                       |                              |                  | -                |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>-</b>                                         | <b>500,000</b>                                                                                                                                      | <b>1,000,000</b>                | <b>500,000</b>        | <b>1,000,000</b>             | <b>1,000,000</b> | <b>4,000,000</b> |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |                                                                                                                                                     |                                 |                       |                              |                  |                  |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  |                                                                                                                                                     |                                 |                       |                              |                  |                  |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>2018</b>                                      | <b>2019</b>                                                                                                                                         | <b>2020</b>                     | <b>2021</b>           | <b>2022</b>                  | <b>TOTAL</b>     |                  |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                                                                                                                     |                                 |                       |                              | -                |                  |

| CITY OF NEWARK, DELAWARE<br>CAPITAL BUDGET - PROJECT DETAIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                     |                 |                          |                   |       |           |
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| DEPARTMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    | PUBLIC WORKS & WATER RESOURCES                                                                                                                      |                 | DIVISION:                |                   | WATER |           |
| PROJECT NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    | PROJECT TITLE:                                                                                                                                      |                 |                          | PROJECT LOCATION: |       |           |
| W8605                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | WATER TANK MAINTENANCE                                                                                                                              |                 |                          | VARIOUS           |       |           |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                                                                                                                                     |                 |                          |                   |       |           |
| PRIORITY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    | 2 - High Priority Level Critical need to remediate failing service, prevent failure, or generate savings                                            |                 |                          |                   |       |           |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                 | Sustainable Community    |                   |       |           |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project will continue the evaluation and rehabilitation of our water tanks in various locations throughout the City. Water Tank Surface coatings generally last 15 years. Several of our tanks have lead present in the existing coatings. Lead removal will be required at the next scheduled painting and additional funding has been included to account for addition testing, notification and safety precautions. DEAUTHORIZE \$55,963 AND TRANSFER TO W0002. The current painting schedule is:</p> <p>2017 - Design and bid package preparation for the South Well Field Tanks</p> <p>2018 - South Well Field raw and finished water tanks (each 500,000 gallon ground tanks) - Lead present is current coating. \$300,000 each, need to be completed simultaneously because the treatment plant must be taken offline during blasting and painting. May require water purchases during painting so I have included \$100,000 to cover this cost and spread the funding across 2017 and 2018. Last painted in 2003.</p> <p>Funding for the 2019 project to proceed past the design phase will occur should council desire the utilization of debt, via the State of Delaware Revolving Loan or other funding sources, and public referendum passes.</p> <p>2019 - Arbour Park Tank (500,000 gallon ground tank) - \$350,000, last painted in 2003</p> <p>2020 - Dallam Road Tank (565,000 gallon ground tank) - Lead present is current coating. \$400,000, last painted in 2003</p> <p>2020 - Nottingham Road Tank (220,000 gallon ground tank) -Lead present is current coating. \$300,000, last painted in 2003</p> <p>2021 - New London Tank (2,000,000 gallon ground tank) - \$500,000, last painted in 1997</p> <p>2030 - Windy Hills Tank (300,000 gallon elevated tank) - \$900,000, last painted in 2015</p> <p>2031 - Concrete Tank (3,200,000 gallon ground tank) - \$550,000, last painted in 2015</p> <p>2031 - Louviers Tank (1,000,000 gallon elevated tank) - \$750,000, last painted in 2016</p> |                    |                                                                                                                                                     |                 |                          |                   |       |           |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                 | PROJECT COST BY CATEGORY |                   |       |           |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1986               | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS |                          | AMOUNT            |       |           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Perpetual          | Labor                                                                                                                                               |                 |                          |                   |       |           |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15                 | Materials                                                                                                                                           |                 |                          |                   |       |           |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2,265,500          | Other Contracts                                                                                                                                     | 5295206.9760    |                          | \$ 2,250,000      |       |           |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 15,500             | Total Project Cost                                                                                                                                  |                 | \$ 2,250,000             |                   |       |           |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,250,000          | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                 |                          |                   |       |           |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1%                 |                                                                                                                                                     |                 |                          |                   |       |           |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                                                                                                                                                     |                 |                          |                   |       |           |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PRIOR <sup>2</sup> | 2018                                                                                                                                                | 2019            | 2020                     | 2021              | 2022  | TOTAL     |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |                                                                                                                                                     |                 |                          |                   |       | -         |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                                                                                                                                                     |                 |                          |                   |       | -         |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                                                                                                                                                     |                 |                          |                   |       | -         |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                     |                 |                          |                   |       | -         |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                                                                                                                                                     |                 |                          |                   |       | -         |
| OTHER (Specify) SRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    | 700,000                                                                                                                                             | 350,000         | 700,000                  | 500,000           |       | 2,250,000 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                                                                                     |                 |                          |                   |       | -         |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                  | 700,000                                                                                                                                             | 350,000         | 700,000                  | 500,000           | -     | 2,250,000 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                                                                                                                                                     |                 |                          |                   |       |           |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                                                                                                                                                     |                 |                          |                   |       |           |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    | 2018                                                                                                                                                | 2019            | 2020                     | 2021              | 2022  | TOTAL     |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                                                                                     |                 |                          |                   |       | -         |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                            |                                                 | DIVISION: WATER                                                                                                                                     |                                 |
| PROJECT NO:<br>WEQSF                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>EQUIPMENT REPLACEMENT PROGRAM |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS    |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                 |                                                                                                                                                     |                                 |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                  |                                                 | Project underway and must be completed                                                                                                              |                                 |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                 | Sustainable Community                                                                                                                               |                                 |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p> <p style="text-align: center;"><b>*Please be advised there are currently no anticipated replacements for 2018</b></p>                                                                                       |                                                 |                                                                                                                                                     |                                 |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                 | PROJECT COST BY CATEGORY                                                                                                                            |                                 |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                         | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                 |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                         | Labor                                                                                                                                               | AMOUNT                          |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | VARIOUS                                         | Materials                                                                                                                                           |                                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 325,000                                         | Other Contracts                                                                                                                                     | 5295206.9623 \$ 325,000         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | -                                               | Total Project Cost \$ 325,000                                                                                                                       |                                 |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 325,000                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                 |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                 |                                                                                                                                                     |                                 |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                                 |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                              | 2018                                                                                                                                                | 2019                            |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                                                                                                                                     |                                 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                                 |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                 | 20,000                                                                                                                                              | 230,000                         |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                                                                                                                                     | 75,000                          |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                 |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                               | -                                                                                                                                                   | 20,000 230,000 75,000 - 325,000 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                 |                                                                                                                                                     |                                 |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                 |                                                                                                                                                     |                                 |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                            | 2019                                                                                                                                                | 2020                            |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       | -                                               | -                                                                                                                                                   | -                               |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**WATER AND WASTEWATER UTILITIES**

| VEH<br>NUMB                         | DESCRIPTION                     | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |          |           |          |      |
|-------------------------------------|---------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|----------|-----------|----------|------|
|                                     |                                 |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019     | 2020      | 2021     | 2022 |
| STAFF CARS                          |                                 |                  |                   |                              |                           |                         |                        |                        |                   |          |           |          |      |
| 215                                 | 2008 Ford Focus                 | 02/26/08         | 11,281            | 33,402                       | 60,000                    | 8                       | 2016                   | 2020                   |                   |          | 20,000    |          |      |
| LINE TRUCKS                         |                                 |                  |                   |                              |                           |                         |                        |                        |                   |          |           |          |      |
| 202                                 | 2012 Ford F350                  | 10/18/12         | 74,095            | 30,345                       | 80,000                    | 8                       | 2020                   | 2020                   |                   |          | 85,000    |          |      |
| 207                                 | 2005 Int'l 7400 Dump Truck      | a. 08/05/05      | 95,845            | 34,883                       | 36,000                    | 8                       | 2013                   | 2023                   |                   |          |           |          |      |
| PICK-UPS & VANS                     |                                 |                  |                   |                              |                           |                         |                        |                        |                   |          |           |          |      |
| 204                                 | 2016 Ford F350 Dump Truck       | 09/02/16         | 34,155            | 3,056                        | 85,000                    | 10                      | 2026                   | 2026                   |                   |          |           |          |      |
| 206                                 | 2014 Ford F-150 Pickup Truck    | 12/31/14         | 25,011            | 73,796                       | 120,000                   | 5                       | 2020                   | 2021                   |                   |          |           | 35,000   |      |
| 211                                 | 2009 Ford F250 Supercab         | 06/05/09         | 25,267            | 50,200                       | 80,000                    | 10                      | 2019                   | 2021                   |                   |          |           | 40,000   |      |
| 218                                 | 2017 Ford F250 4x4 Pickup Truck | 08/30/17         | 30,512            | 50                           | 100,000                   | 10                      | 2027                   | 2027                   |                   |          |           |          |      |
| 224                                 | 2012 Ford F250 Pickup Truck     | 10/25/12         | 37,999            | 25,691                       | 80,000                    | 10                      | 2022                   | 2023                   |                   |          |           |          |      |
| 241                                 | 2015 Ford Transit Connect       | 12/31/14         | 21,491            | 21,501                       | 100,000                   | 10                      | 2025                   | 2025                   |                   |          |           |          |      |
| 244                                 | 2016 Ford F250 4X4 Reg Cab      | 07/21/16         | 26,959            | 6,379                        | 100,000                   | 10                      | 2026                   | 2026                   |                   |          |           |          |      |
| 299                                 | 2013 Ford F150 Pickup           | 06/28/13         | 19,541            | 26,322                       | 100,000                   | 10                      | 2023                   | 2023                   |                   |          |           |          |      |
| OTHER EQUIPMENT                     |                                 |                  |                   |                              |                           |                         |                        |                        |                   |          |           |          |      |
| 201                                 | 1994 Ingersall Air Compressor   | 09/09/94         | 9,169             | --                           | --                        | 15                      | 2009                   | 2019                   |                   | 20,000   |           |          |      |
| 220                                 | 2011 Case 590 SN Loader/Backhoe | 10/14/11         | 117,701           | --                           | --                        | 9                       | 2020                   | 2020                   |                   |          | 125,000   |          |      |
| TOTAL WATER AND WASTE WATER UTILITY |                                 |                  |                   |                              |                           |                         |                        |                        | \$0               | \$20,000 | \$230,000 | \$75,000 | \$0  |

a. This vehicle scheduled to be replaced in 2017.

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**SEWER FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                                |   | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM |           |             |           |           |             |
|-------------------------------------------|--------------------------------|---|----------------|-----------------------------|--------------------|----------------------------------------|-----------|-------------|-----------|-----------|-------------|
|                                           |                                |   |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | R E C O M M E N D E D   F U N D I N G  |           |             |           |           |             |
|                                           |                                |   |                |                             |                    | 2018                                   | 2019      | 2020        | 2021      | 2022      | TOTAL       |
| S1701                                     | Twin Lakes Pump Station        | C | 150,000        | 0                           | 0                  | \$0                                    | \$0       | \$0         | \$0       | \$0       | \$0         |
| Q1702                                     | Storm System Start Up Costs    | D | 250,000        | 0                           | 0                  | 0                                      | 0         | 0           | 0         | 0         | 0           |
| S1602                                     | Sewer SCADA                    | D | 93,675         | 75,000                      | 0                  | 75,000                                 | 0         | 0           | 0         | 0         | 75,000      |
| S1501                                     | Sewer System Master Plan       | A | 20,000         | 0                           | 0                  | 0                                      | 0         | 0           | 0         | 0         | 0           |
| S0904                                     | Sanitary Sewer Study & Repairs | D | 500,000        | 1,261,701                   | 0                  | 1,261,701                              | 800,000   | 1,000,000   | 800,000   | 800,000   | 4,661,701   |
| Total Sewer Fund                          |                                |   | \$1,013,675    | \$1,336,701                 | \$0                | \$1,336,701                            | \$800,000 | \$1,000,000 | \$800,000 | \$800,000 | \$4,736,701 |
| GROSS CAPITAL IMPROVEMENTS                |                                |   | \$1,013,675    | \$1,336,701                 | \$0                | \$1,336,701                            | \$800,000 | \$1,000,000 | \$800,000 | \$800,000 | \$4,736,701 |
| LESS: USE OF RESERVES                     |                                |   | (293,675)      | (836,701)                   | 0                  | (836,701)                              | 0         | 0           | 0         | 0         | (836,701)   |
| VEHICLE/EQUIPMENT REPLACEMENT             |                                |   | 0              | 0                           | 0                  | 0                                      | 0         | 0           | 0         | 0         | 0           |
| GRANTS                                    |                                |   | 0              | 0                           | 0                  | 0                                      | 0         | 0           | 0         | 0         | 0           |
| BOND ISSUES                               |                                |   | 0              | 0                           | 0                  | 0                                      | 0         | 0           | 0         | 0         | 0           |
| OTHER FINANCING SOURCES                   |                                |   | (150,000)      | (500,000)                   | 0                  | (500,000)                              | (800,000) | (1,000,000) | (800,000) | (800,000) | (3,900,000) |
| NET CAPITAL IMPROVEMENTS                  |                                |   | \$570,000      | \$0                         | \$0                | \$0                                    | \$0       | \$0         | \$0       | \$0       | \$0         |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                                                                                                                                     |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               | DIVISION: Sewer                                                                                                                                     |                                                |
| PROJECT NO:<br>S1602                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PROJECT TITLE:<br>Sewer SCADA |                                                                                                                                                     | PROJECT LOCATION:<br>Three Sewer Pump Stations |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |                                                                                                                                                     |                                                |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               | Project underway and must be completed                                                                                                              |                                                |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                               | Sustainable Community                                                                                                                               |                                                |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>Development of a SCADA System for the PWWR Department will allow us to more efficiently and effectively manage the utilities. We currently have four water plant operator positions that work three shifts per day, every day of the year. The four operators use a vehicle which has been lasting less than three years before wearing out from excessive mileage and use. With a SCADA System, we will significantly reduce the mileage driven per day due to the need to check all facilities at least once per shift. This will also free up time for the operators to perform routine preventative maintenance tasks that are currently either contracted out or not completed at all.</p> <p>The radio communications and HMI portions of this project are being handled through the Water SCADA project. Now that they will be in place by 2016 we plan to instrument and bring online one of our three pump station per year for the next three years. This system will allow us to monitor, among other things, pump status, pumping rates, runtimes, flow rates, backup generator fuel levels, generator runtimes, power quality, estimate inflow and infiltration rates during storms, track error codes, and quickly identify problems. Flow rates and characteristics measured at the pump stations will be able to be fed into the sewer capacity model under development to more accurately model pumping effects on system capacity.</p> <p>Operating budget impact will be a reduction in vehicle fuel cost and wear and tear slightly offset by annual service subscription fees and sensor/equipment maintenance costs. We have conservatively pegged this cost at \$2000 per station per year in year 1, increasing at 3% in the out years.</p> <p>Please note, \$75,000 is to be transferred from CIP Project S0904.</p> |                               |                                                                                                                                                     |                                                |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2016                          | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2018                          | Labor                                                                                                                                               |                                                |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15                            | Materials                                                                                                                                           |                                                |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 75,000                        | Other Contracts                                                                                                                                     | 5395306.9760                                   |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               | Total Project Cost \$ 75,000                                                                                                                        |                                                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 75,000                        | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 33%                           |                                                                                                                                                     |                                                |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |                                                                                                                                                     |                                                |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>PRIOR<sup>2</sup></b>      | <b>2018</b>                                                                                                                                         | <b>2019</b>                                    |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                               |                                                                                                                                                     |                                                |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               | 75,000                                                                                                                                              |                                                |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |                                                                                                                                                     |                                                |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |                                                                                                                                                     |                                                |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |                                                                                                                                                     |                                                |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                                                                                                                                     |                                                |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                                                                                                                                                     |                                                |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>-</b>                      | <b>75,000</b>                                                                                                                                       | <b>-</b>                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |                                                                                                                                                     |                                                |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |                                                                                                                                                     |                                                |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>2018</b>                   | <b>2019</b>                                                                                                                                         | <b>2020</b>                                    |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5,000                         | 5,000                                                                                                                                               | 5,000                                          |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                                                                                                                                     |                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | DIVISION: SEWER                                                                                                                                     |                              |
| PROJECT NO:<br>S0904                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PROJECT TITLE:<br>SANITARY SEWER STUDY & REPAIRS |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                  |                                                                                                                                                     |                              |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                  | Project underway and must be completed                                                                                                              |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  | Sustainable Community                                                                                                                               |                              |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>This project affords the continuation of our cleaning and investigation of the condition of the sanitary sewer system and will result in recommendations for repair. To date we have inspected approximately 10 miles of the 95 miles of sanitary sewer main in our system. Using results from 10 miles of inspections we have identified and prioritized approximately \$2,600,000 worth of necessary repairs.</p> <p>To date our inspections have been prioritized based on line size and backup history. As part of the ongoing sanitary sewer master plan project we have completed sanitary sewer flow monitoring in the Christina Basin (approximately 2/3rds of the system) and are applying for a grant to do the same in the White Clay Basin in 2016-2017. This flow monitoring will allow us to target inspections on those areas where we are experiencing the most rainfall derived inflow and infiltration (RDII) which is a good indicator of structural damage in pipes. (rainfall can get into the pipes through cracks and holes). This will allow for a more targeted, data driven approach to investigations. The flow monitoring will also be used for a capacity model that will allow us to target select lines for capacity increases when performing rehabilitation efforts.</p> <p>In 2017 we completed repairs in the Kells Avenue basin and along Bogy Run north of Ray Street and we also performed inspections to the critical main between the Cooches Bridge and Silverbrook pump stations. During 2016 we also performed non-destructive pipe testing on the Silverbrook force main which is failure critical and heretofore uninspected since installation. In 2018 we plan to continue targeted inspections based on data derived from flow testing. We also plan to begin rehabilitation/replacement as determined by the prioritization and capacity model driven pipe diameter increases. Specific locations will be available prior to CIP adoption. Deauthorize \$75,000.00 to be transferred to CIP Project S1602.</p> |                                                  |                                                                                                                                                     |                              |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                  | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2009                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                          | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 50+                                              | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4,661,701                                        | Other Contracts                                                                                                                                     | 5395306.9760                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  | Total Project Cost                                                                                                                                  | \$ 4,661,701                 |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4,661,701                                        | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2%                                               |                                                                                                                                                     |                              |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                                                                                                                     |                              |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>PRIOR<sup>2</sup></b>                         | <b>2018</b>                                                                                                                                         | <b>2019</b>                  |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                                                                                                                                                     |                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  | 761,701                                                                                                                                             |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |                                                                                                                                                     |                              |
| OTHER (Specify) SRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  | 500,000                                                                                                                                             | 800,000                      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                                                                                                                                     |                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>-</b>                                         | <b>1,261,701</b>                                                                                                                                    | <b>800,000</b>               |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                                                                                                                     |                              |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |                                                                                                                                                     |                              |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>2018</b>                                      | <b>2019</b>                                                                                                                                         | <b>2020</b>                  |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |                                                                                                                                                     |                              |

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**CITY OF NEWARK, DELAWARE  
CAPITAL IMPROVEMENTS PROGRAM 2018-2022  
STORMWATER FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                                   |   | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM |             |           |           |           |             |
|-------------------------------------------|-----------------------------------|---|----------------|-----------------------------|--------------------|----------------------------------------|-------------|-----------|-----------|-----------|-------------|
|                                           |                                   |   |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | R E C O M M E N D E D   F U N D I N G  |             |           |           |           |             |
|                                           |                                   |   |                |                             |                    | 2018                                   | 2019        | 2020      | 2021      | 2022      | TOTAL       |
| Q1802                                     | Rodney Regional Stormwater Park   | D | \$0            | \$3,300,000                 | \$0                | \$3,300,000                            | \$3,250,000 | \$0       | \$0       | \$0       | \$6,550,000 |
| Q1702                                     | Storm System Start Up Costs       | D | 0              | 0                           | 0                  | 0                                      | 0           | 0         | 0         | 0         | 0           |
| Q1301                                     | Storm Drainage Improvements       | B | 350,000        | 0                           | 420,000            | 420,000                                | 491,000     | 463,050   | 536,203   | 510,513   | 2,420,766   |
| Q0101                                     | NPDES Phase II Stormwater Quality | C | 40,000         | 40,000                      | 0                  | 40,000                                 | 40,000      | 40,000    | 40,000    | 40,000    | 200,000     |
| QEQSF                                     | Vehicle Replacement Program       | D | 60,000         | 18,000                      | 0                  | 18,000                                 | 161,375     | 0         | 0         | 0         | 179,375     |
| Total Stormwater Fund-Stormwater Division |                                   |   | \$450,000      | \$3,358,000                 | \$420,000          | \$3,778,000                            | \$3,942,375 | \$503,050 | \$576,203 | \$550,513 | \$9,350,141 |
|                                           |                                   |   |                |                             |                    |                                        |             |           |           |           |             |
| GROSS CAPITAL IMPROVEMENTS                |                                   |   | \$450,000      | \$3,358,000                 | \$420,000          | \$3,778,000                            | \$3,942,375 | \$503,050 | \$576,203 | \$550,513 | \$9,350,141 |
| LESS: USE OF RESERVES                     |                                   |   | 0              | (40,000)                    | 0                  | (40,000)                               | (40,000)    | 0         | 0         | 0         | (80,000)    |
| VEHICLE/EQUIPMENT REPLACEMENT             |                                   |   | (60,000)       | (18,000)                    | 0                  | (18,000)                               | (161,375)   | 0         | 0         | 0         | (179,375)   |
| GRANTS                                    |                                   |   | 0              | (50,000)                    | 0                  | (50,000)                               | (50,000)    | 0         | (50,000)  | 0         | (150,000)   |
| BOND ISSUES                               |                                   |   | 0              | 0                           | 0                  | 0                                      | 0           | 0         | 0         | 0         | 0           |
| OTHER FINANCING SOURCES                   |                                   |   | 0              | (3,250,000)                 | 0                  | (3,250,000)                            | (3,250,000) | 0         | 0         | 0         | (6,500,000) |
| NET CAPITAL IMPROVEMENTS                  |                                   |   | \$390,000      | \$0                         | \$420,000          | \$420,000                              | \$441,000   | \$503,050 | \$526,203 | \$550,513 | \$2,440,766 |

Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |                                                                                                                                                     |                                               |
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| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          | DIVISION: STORMWATER                                                                                                                                |                                               |
| PROJECT NO:<br><b>Q1802</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PROJECT TITLE:<br><b>RODNEY REGIONAL STORMWATER PARK</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>103 HILLSIDE ROAD</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          | <b>New Project</b>                                                                                                                                  |                                               |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Project underway and must be completed                   |                                                                                                                                                     |                                               |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          | Healthy & Active Community                                                                                                                          |                                               |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>City staff has identified the recently shuttered Rodney Dormitory parcel as ideally located at the top of a watershed in Newark with downstream drainage problems. The City has entered into a contract to purchase the parcel from the University of Delaware and has begun a public relations campaign in order to solicit feedback from the residents of Newark on what type of park amenities and extent of the stormwater management possible on the site. The funds shown below are contemplated to come from a State Revolving Loan Fund, subject to public referendum process. Associated Planning Grants have already been secured.</p> |                                                          |                                                                                                                                                     |                                               |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          | PROJECT COST BY CATEGORY                                                                                                                            |                                               |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2018                                                     | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                               |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2019                                                     | Labor                                                                                                                                               |                                               |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100                                                      | Materials                                                                                                                                           |                                               |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6,550,000                                                | Other Contracts                                                                                                                                     | 5595506.9720                                  |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                        | Total Project Cost \$ 6,550,000                                                                                                                     |                                               |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6,550,000                                                | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                               |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0%                                                       |                                                                                                                                                     |                                               |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                                                                                                                                     |                                               |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PRIOR <sup>2</sup>                                       | 2018                                                                                                                                                | 2019                                          |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |                                                                                                                                                     |                                               |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                          |                                                                                                                                                     |                                               |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |                                                                                                                                                     |                                               |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          |                                                                                                                                                     |                                               |
| GRANTS (Specify) Planning Grants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                          | 50,000                                                                                                                                              |                                               |
| OTHER (Specify) SRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          | 3,250,000                                                                                                                                           | 3,250,000                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |                                                                                                                                                     |                                               |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>-</b>                                                 | <b>3,300,000</b>                                                                                                                                    | <b>3,250,000</b>                              |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                          |                                                          |                                                                                                                                                     |                                               |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                                                                     |                                               |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2018                                                     | 2019                                                                                                                                                | 2020                                          |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          | 10,000                                                                                                                                              | 10,000                                        |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                      | DIVISION: STORMWATER                                                                                                                                |                                     |
| PROJECT NO:<br><b>Q1301</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br><b>STORM DRAINAGE IMPROVEMENTS</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                      |                                                                                                                                                     |                                     |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                      | Project underway and must be completed                                                                                                              |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                      | Sustainable Community                                                                                                                               |                                     |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>An engineering consultant has completed a detailed CCTV Inspection and Priority Ranking in order to aid the decision making for the future replacement or rehabilitation of all of the known Corrugated Metal Pipe (CMP) in the City. The issues with the premature failure and deterioration of CMP has been well documented over the past several years and will be the focus of this Capital Project over the next 10 years. The memorandum from JMT identifies approximately \$3.5mm in lining and replacement of CMP over the next 10 years. PWWR recommends the CIP reflect approximately \$350,000 per year over the next 10 years to address the problem pipe. JMT will prepare a 10 year plan for the repairs and annual repair locations will be presented as part of any Contract Recommendation brought to Council in 2018 and annual budget presentations each following year. Emergent and newly identified problems may arise over the term of this project and will be paid for under this project. Examples of this type of emergent work are the Jenneys Run Culvert Removal in 2016 and the Creek Bend Court Outfall Failure in 2014. In 2017 we anticipate replacing the outfall of a culvert crossing on Wyoming Road which has recently failed. We have also identified City owned Parcels The City has ownership of numerous parks throughout the city, some of which are simply maintained as open area and are very underutilized. Several of those parks are around or near critical drainageways and the opportunity exists to design detention basins or water quality facilities at those locations. The parks department could realize savings by removing the maintenance responsibilities and the public works and water resources department could utilize these areas to mitigate flooding and water quality issues throughout the City. The areas were identified for a number of reasons, including, but not limited to, location within a watershed, level of probable benefit, ease of construction, reduction in maintenance burden on Parks staff and aesthetic benefit of plantings. Parks Dept. has been consulted and will work with PWWR to determine availability of property. Grant opportunities also exists to incorporate innovative design and new technologies to study the effect on the watershed. The following parks have been identified for further review and study: 1. Park off of Short Lane 2. Lewis Park 3. Handloff Park (NE Corner) 4. Kells Park 5. Devon Park</p> |                                                      |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                      | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2013                                                 | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Perpetual                                            | Labor                                                                                                                                               | AMOUNT                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 75+                                                  | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,420,766                                            | Other Contracts                                                                                                                                     | 5595506.9720 \$ 2,420,766           |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                    | Total Project Cost                                                                                                                                  | \$ 2,420,766                        |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2,420,766                                            | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                                                                                                                                     |                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>PRIOR<sup>2</sup></b>                             | <b>2018</b>                                                                                                                                         | <b>2019</b>                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                      | 420,000                                                                                                                                             | 441,000                             |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                      |                                                                                                                                                     | 463,050                             |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      |                                                                                                                                                     | 486,203                             |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                      |                                                                                                                                                     | 510,513                             |
| GRANTS (Specify) SRF Planning Grants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                      |                                                                                                                                                     | 2,320,766                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                      |                                                                                                                                                     | -                                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                      |                                                                                                                                                     | -                                   |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>-</b>                                             | <b>420,000</b>                                                                                                                                      | <b>491,000</b>                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                      | <b>463,050</b>                                                                                                                                      | <b>536,203</b>                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                      | <b>510,513</b>                                                                                                                                      | <b>2,420,766</b>                    |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                      |                                                                                                                                                     |                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                      |                                                                                                                                                     |                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>2018</b>                                          | <b>2019</b>                                                                                                                                         | <b>2020</b>                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                      |                                                                                                                                                     |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                      |                                                                                                                                                     | -                                   |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                           | DIVISION: STORMWATER                                                                                                                                |                                     |
| PROJECT NO:<br><b>Q0101</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>NPDES STORMWATER QUALITY PROGRAM</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                           |                                                                                                                                                     |                                     |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                           | Project underway and must be completed                                                                                                              |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                           | Sustainable Community                                                                                                                               |                                     |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>Per the 1999 NPDES Phase II Stormwater Quality Regulations, the City of Newark is required to meet approved standards to improve stormwater quality. According to our original plan submittal, we had planned the following: Install in-line storm sewer quality controls at McKees Park, Rahway Park, Handloff Park, and Yorkshire Woods I.</p> <p>We received a surface water planning grant in 2014, part of which paid for a report to identify and rank water quality Best Management Practices (BMP) retrofits in stormwater basins around the City, which are better suited to retrofits than the original list above.</p> <p>We chose not to complete a 2015 project due to uncertainty associated with impending changes to our permit which we have been provided a pre-publication draft. We have commented on the pre-publication draft and anticipate the final draft permit by September 30 and the Final Permit by December 31. We plan to utilize the funding appropriated for 2017 in order to complete two projects in 2018. We are planning on \$40,000 annually to help with permit compliance.</p> <p>Depending on the type of facility constructed, ongoing maintenance will be required including mowing, invasive weed removal, inspections, etc. We have assumed \$5000 per year per facility in maintenance costs.</p> |                                                           |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                           | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2009                                                      | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Perpetual                                                 | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20                                                        | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 200,000                                                   | Other Contracts                                                                                                                                     | 5595506.9720                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           | Total Project Cost \$ 200,000                                                                                                                       |                                     |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 200,000                                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                           |                                                                                                                                                     |                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                  | <b>2018</b>                                                                                                                                         | <b>2019</b>                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                                                                                                                                     | 40,000                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                           | 40,000                                                                                                                                              | 40,000                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |                                                                                                                                                     |                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           |                                                                                                                                                     |                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                           |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                  | <b>40,000</b>                                                                                                                                       | <b>40,000</b>                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |                                                                                                                                                     |                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                           |                                                                                                                                                     |                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                               | <b>2019</b>                                                                                                                                         | <b>2020</b>                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                           | 5,000                                                                                                                                               | 5,000                               |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                          |                                                 | DIVISION: Stormwater                                                                                                                                |                   |
| PROJECT NO:<br>QEQSF                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>Equipment Replacement Program |                                                                                                                                                     | PROJECT LOCATION: |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                 |                                                                                                                                                     |                   |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                     |                                                 | Critical need to remediate failing service, prevent failure, or generate savings                                                                    |                   |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                 | Sustainable Community                                                                                                                               |                   |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                                 |                                                                                                                                                     |                   |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                 | PROJECT COST BY CATEGORY                                                                                                                            |                   |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                         | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS   |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                         | Labor                                                                                                                                               |                   |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | VARIOUS                                         | Materials                                                                                                                                           |                   |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 179,375                                         | Other Contracts                                                                                                                                     | 5595506.9623      |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                 | Total Project Cost                                                                                                                                  | \$ 179,375        |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 179,375                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                   |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                 |                                                                                                                                                     |                   |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                   |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                              | 2018                                                                                                                                                | 2019              |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                                                                                                                                     |                   |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                   |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                 | 18,000                                                                                                                                              | 161,375           |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                                                                                                                                     |                   |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                   |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                               | 18,000                                                                                                                                              | 161,375           |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                 |                                                                                                                                                     |                   |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                 |                                                                                                                                                     |                   |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                            | 2019                                                                                                                                                | 2020              |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       | -                                               | -                                                                                                                                                   | -                 |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**STORMWATER UTILITY**

| VEH<br>NUMB                      | DESCRIPTION                      | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |                  |            |            |            |
|----------------------------------|----------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|------------------|------------|------------|------------|
|                                  |                                  |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019             | 2020       | 2021       | 2022       |
| 212                              | 2009 Ford Focus                  | 04/03/09         | 13,489            | 52,562                       | 80,000                    | 8                       | 2017                   | 2018                   | 18,000            |                  |            |            |            |
| 230                              | 2007 Int'l SC7000 Sweeper- 4200  | 10/18/16         | 75,000            | 8,252                        | 60,000                    | 8                       | 2024                   | 2024                   |                   |                  |            |            |            |
| 231                              | 2008 Tennant ALTV 4300 Litter a. | 08/11/08         | 36,459            | --                           | --                        | 7                       | 2015                   | 2017                   |                   |                  |            |            |            |
| 250                              | 2006 Int'l 4700 Catch Basin Clnr | 12/22/05         | 161,375           | 71,277                       | 60,000                    | 8                       | 2013                   | 2019                   |                   | 161,375          |            |            |            |
| 504                              | 2012 Ford Pickup Truck 4X4       | 09/21/12         | 26,245            | 41,524                       | 110,000                   | 10                      | 2022                   | 2023                   |                   |                  |            |            |            |
| <b>TOTAL STORMWATER DIVISION</b> |                                  |                  |                   |                              |                           |                         |                        |                        | <b>\$18,000</b>   | <b>\$161,375</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> |

a. This vehicle scheduled to be replaced in 2017.

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**PUBLIC WORKS AND WATER RESOURCES DEPARTMENT-GENERAL FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                                           |   | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM |             |             |             |             |             |
|-------------------------------------------|-------------------------------------------|---|----------------|-----------------------------|--------------------|----------------------------------------|-------------|-------------|-------------|-------------|-------------|
|                                           |                                           |   |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | R E C O M M E N D E D F U N D I N G    |             |             |             |             |             |
|                                           |                                           |   |                |                             |                    | 2018                                   | 2019        | 2020        | 2021        | 2022        | TOTAL       |
| REQSF                                     | Vehicle Replacement Program               | D | \$200,000      | \$0                         | \$0                | \$0                                    | \$220,000   | \$0         | \$480,000   | \$0         | \$700,000   |
| H1801                                     | Annual Street Program                     | D | 1,515,000      | 641,671                     | 0                  | 641,671                                | 1,600,000   | 1,625,000   | 1,650,000   | 1,675,000   | 7,191,671   |
| H1802                                     | ADA Handicap Ramp Transition Plan         | B | 120,000        | 120,000                     | 0                  | 120,000                                | 133,150     | 136,395     | 139,736     | 143,178     | 672,459     |
| H1603                                     | Pothole Patcher                           | A | 0              | 0                           | 0                  | 0                                      | 0           | 0           | 0           | 0           | 0           |
| H1503                                     | Newark Transportation Plan Implementation | B | 252,000        | 704,000                     | 0                  | 704,000                                | 20,000      | 20,000      | 20,000      | 20,000      | 784,000     |
| H1403                                     | Pedestrian Crossing Signalization         | B | 110,000        | 0                           | 0                  | 0                                      | 0           | 0           | 0           | 0           | 0           |
| H0206                                     | Municipal Bldg Parking Lot Improvements   | B | 0              | 0                           | 0                  | 0                                      | 0           | 0           | 0           | 0           | 0           |
| HEQSF                                     | Vehicle Replacement Program               | D | 220,000        | 190,000                     | 0                  | 190,000                                | 175,000     | 0           | 0           | 60,000      | 425,000     |
| TEQSF                                     | Vehicle Replacement Program               | D | 21,000         | 0                           | 0                  | 0                                      | 67,000      | 0           | 0           | 0           | 67,000      |
| Total Public Works-General Fund           |                                           |   | \$2,438,000    | \$1,655,671                 | \$0                | \$1,655,671                            | \$2,215,150 | \$1,781,395 | \$2,289,736 | \$1,898,178 | \$9,840,130 |
| GROSS CAPITAL IMPROVEMENTS                |                                           |   | \$2,438,000    | \$1,655,671                 | \$0                | \$1,655,671                            | \$2,215,150 | \$1,781,395 | \$2,289,736 | \$1,898,178 | \$9,840,130 |
| LESS: USE OF RESERVES                     |                                           |   | (1,252,000)    | 0                           | 0                  | 0                                      | 0           | 0           | 0           | 0           | 0           |
| VEHICLE/EQUIPMENT REPLACEMENT             |                                           |   | (441,000)      | (190,000)                   | 0                  | (190,000)                              | (462,000)   | 0           | (480,000)   | (60,000)    | (1,192,000) |
| GRANTS                                    |                                           |   | (745,000)      | (516,671)                   | 0                  | (516,671)                              | (516,671)   | (516,671)   | (516,671)   | (516,671)   | (2,583,355) |
| BOND ISSUES                               |                                           |   | 0              | (95,000)                    | 0                  | (95,000)                               | 0           | 0           | 0           | 0           | (95,000)    |
| OTHER FINANCING SOURCES                   |                                           |   | 0              | (854,000)                   | 0                  | (854,000)                              | (150,000)   | (150,000)   | (150,000)   | (150,000)   | (1,454,000) |
| NET CAPITAL IMPROVEMENTS                  |                                           |   | \$0            | \$0                         | \$0                | \$0                                    | \$1,086,479 | \$1,114,724 | \$1,143,065 | \$1,171,507 | \$4,515,775 |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                          |                                                     | DIVISION: Refuse                                                                                                                                    |                              |
| PROJECT NO:<br><br>REQSF                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br><br>Equipment Replacement Program |                                                                                                                                                     | PROJECT LOCATION:<br><br>N/A |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                     |                                                                                                                                                     |                              |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                  |                                                     | Project underway and must be completed                                                                                                              |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                     | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                                     |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                     | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                             | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | Various                                             | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 700,000                                             | Other Contracts                                                                                                                                     | 3063026.9623                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                     | Total Project Cost                                                                                                                                  | \$ 700,000                   |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 700,000                                             | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                     |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                     |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                  | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                     |                                                                                                                                                     |                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                     |                                                                                                                                                     | 220,000                      |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                     |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                              |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                 | -                                                   | -                                                                                                                                                   | 220,000                      |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                     | 2020                                                                                                                                                | 2021                         |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                     | -                                                                                                                                                   | 480,000                      |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                     | 2022                                                                                                                                                | TOTAL                        |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                     | -                                                                                                                                                   | 700,000                      |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                     |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                     |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                              |
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     | -                            |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, REFUSE DIVISION**

| VEH<br>NUMB           | DESCRIPTION                         | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |           |      |           |      |
|-----------------------|-------------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|-----------|------|-----------|------|
|                       |                                     |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019      | 2020 | 2021      | 2022 |
| REFUSE COLLECTION     |                                     |                  |                   |                              |                           |                         |                        |                        |                   |           |      |           |      |
| 409                   | 2006 Int'l 7400 One-Man Packer      | 09/12/05         | 146,659           | 82,642                       | 65,000                    | 8                       | 2013                   | Not to be replaced     |                   |           |      |           |      |
| 410                   | 2015 Peterbuilt 320 Tractor/Trailer | 11/30/14         | 285,690           | 31,648                       | 65,000                    | 8                       | 2021                   | 2021                   |                   |           |      | 300,000   |      |
| 411                   | 2016 Freightliner M2 Class 8        | 05/26/16         | 232,105           | 15,468                       | 65,000                    | 8                       | 2024                   | 2024                   |                   |           |      |           |      |
| 418                   | 2008 Int'l 7400 Refuse Truck        | a. 07/29/08      | 117,075           | 70,211                       | 65,000                    | 8                       | 2016                   | 2017                   |                   |           |      |           |      |
| 423                   | 2009 Int'l 7400 Refuse Truck        | 06/11/09         | 151,775           | 70,184                       | 85,000                    | 8                       | 2017                   | 2019                   |                   | 220,000   |      |           |      |
| 453                   | 2016 Freightliner M2 Class 8        | 05/26/16         | 232,105           | 13,549                       | 75,000                    | 8                       | 2024                   | 2024                   |                   |           |      |           |      |
| 454                   | 2016 Freightliner M2 Class 8        | 01/07/16         | 235,157           | 19,633                       | 65,000                    | 8                       | 2024                   | 2024                   |                   |           |      |           |      |
| 456                   | 2016 Freightliner M2 Class 8        | 01/07/16         | 235,157           | 20,220                       | 65,000                    | 8                       | 2024                   | 2024                   |                   |           |      |           |      |
| SPECIAL COLLECTION    |                                     |                  |                   |                              |                           |                         |                        |                        |                   |           |      |           |      |
| 440                   | 2011 Freightliner Knuckleboom       | 06/17/11         | 116,148           | 33,080                       | 100,000                   | 10                      | 2021                   | 2021                   |                   |           |      | 180,000   |      |
| 441                   | 1997 Int'l Knuckleboom              | 12/31/96         | 67,190            | 109,329                      |                           |                         |                        |                        |                   |           |      |           |      |
| TOTAL REFUSE DIVISION |                                     |                  |                   |                              |                           |                         |                        |                        | \$0               | \$220,000 | \$0  | \$480,000 | \$0  |

a. This vehicle scheduled to be replaced in 2017.

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                                                                                                                                                     |                           |                  |                  |                  |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|------------------|------------------|------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                | DIVISION: STREET                                                                                                                                    |                           |                  |                  |                  |                  |
| PROJECT NO:<br><b>H1801</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PROJECT TITLE:<br><b>ANNUAL STREET PROGRAM</b> | PROJECT LOCATION:<br><b>VARIOUS</b>                                                                                                                 |                           |                  |                  |                  |                  |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                |                                                                                                                                                     |                           |                  |                  |                  |                  |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                | Project underway and must be completed                                                                                                              |                           |                  |                  |                  |                  |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                | Sustainable Community                                                                                                                               |                           |                  |                  |                  |                  |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>In 2010 we contracted with a consultant to utilize an optimization software to analyze our road survey data. This program provided the City the optimal street repair locations and methods to use for the most economical use of our funding. We used the projected out years provided with the 2011 work plan to prioritize streets through the 2015 program year. In 2016 we again contracted with the same firm and have developed another 5-year work plan. The result of the analysis was confirmation of the need for an increase in funding for road rehabilitation or else the average Pavement Conditions Index (PCI) for the city will continue to decline and the backlog of needed improvements will continue to increase.</p> <p>As discussed during the budget process last year we estimated that we would need to spend approximately \$1.5 - \$2.0 Million each year to maintain our current roadway conditions. Our consultant has confirmed that assumption. We ran deterioration simulations using five different annual funding levels: \$750M, \$1MM, \$1.5MM, "Maintain Current Conditions" and "Improve to average PCI of 80."</p> <p>\$750M - Backlog increases from \$14.5MM to \$29.2MM, PCI decreases from 76 to 61, % "Poor/Very Poor" increases from 20% to 27%<br/> \$1MM - Backlog increases from \$14.5MM to \$24.8MM, PCI decreases from 76 to 65, % "Poor/Very Poor" increases from 20% to 22%<br/> \$1.5MM - Backlog increases from \$14.5MM to \$17.2MM, PCI decreases from 76 to 73, % "Poor/Very Poor" decreases from 20% to 13%<br/> \$1.75MM - Backlog decreases from \$14.5MM to \$12.9MM, PCI remains the same, % "Poor/Very Poor" decreases from 20% to 8%<br/> \$2.1MM - Backlog decreases from \$14.5MM to \$8.8MM, PCI increases from 76 to 80, % "Poor/Very Poor" decreases from 20% to 4%</p> <p>The parking lot at City Hall is showing serious signs of deterioration and poor drainage. This project proposes to make minor changes to the lot configuration to add parking spaces as well as remove the existing hot mix, install underdrains and repave this parking lot. Current estimate is \$320,000 for full mill, curb replacement, under drain installation, and repaving.</p> |                                                |                                                                                                                                                     |                           |                  |                  |                  |                  |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                           |                  |                  |                  |                  |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ongoing                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS           |                  |                  |                  |                  |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ongoing                                        | Labor                                                                                                                                               | AMOUNT                    |                  |                  |                  |                  |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15                                             | Materials                                                                                                                                           |                           |                  |                  |                  |                  |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7,191,671                                      | Other Contracts                                                                                                                                     | 3063006.9760 \$ 7,191,671 |                  |                  |                  |                  |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                | Total Project Cost                                                                                                                                  | \$ 7,191,671              |                  |                  |                  |                  |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7,191,671                                      | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                           |                  |                  |                  |                  |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                |                                                                                                                                                     |                           |                  |                  |                  |                  |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |                                                                                                                                                     |                           |                  |                  |                  |                  |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIOR<sup>2</sup></b>                       | <b>2018</b>                                                                                                                                         | <b>2019</b>               | <b>2020</b>      | <b>2021</b>      | <b>2022</b>      | <b>TOTAL</b>     |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                |                                                                                                                                                     | 958,329                   | 983,329          | 1,008,329        | 1,033,329        | 3,983,316        |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                |                                                                                                                                                     |                           |                  |                  |                  | -                |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |                                                                                                                                                     |                           |                  |                  |                  | -                |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                |                                                                                                                                                     |                           |                  |                  |                  | -                |
| GRANTS (Specify) MSA - Updated 2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                | 491,671                                                                                                                                             | 491,671                   | 491,671          | 491,671          | 491,671          | 2,458,355        |
| OTHER (Specify) CTF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                | 150,000                                                                                                                                             | 150,000                   | 150,000          | 150,000          | 150,000          | 750,000          |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                                                                                                                                                     |                           |                  |                  |                  | -                |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>-</b>                                       | <b>641,671</b>                                                                                                                                      | <b>1,600,000</b>          | <b>1,625,000</b> | <b>1,650,000</b> | <b>1,675,000</b> | <b>7,191,671</b> |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                |                                                                                                                                                     |                           |                  |                  |                  |                  |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                |                                                                                                                                                     |                           |                  |                  |                  |                  |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>2018</b>                                    | <b>2019</b>                                                                                                                                         | <b>2020</b>               | <b>2021</b>      | <b>2022</b>      | <b>TOTAL</b>     |                  |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                |                                                                                                                                                     |                           |                  |                  |                  | -                |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------|---------|---------|---------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                     | DIVISION: STREET                                                                                                                                    |                              |         |         |         |         |
| PROJECT NO:<br>H1802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PROJECT TITLE:<br>ADA ACCESSIBILITY TRANSITION PLAN |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |         |         |         |         |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                     |                                                                                                                                                     |                              |         |         |         |         |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     | Project underway and must be completed                                                                                                              |                              |         |         |         |         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                     | Inclusive Community                                                                                                                                 |                              |         |         |         |         |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The US Department of Justice per the ADA (American with Disabilities Act) requires incorporated communities to establish a transition plan to upgrade their public facilities to meet ADA accessibility standards. At the start of 2016 we had 1689 ramps in the City and 20 locations that are in need of ramps. Out of this total, 1347 were ADA compliant and 342 are non-compliant. This is down from the first year of the program when there were 1076 ramps out of compliance.</p> <p>The 2016 ADA Accessibility Contract will address 51 of these non-compliant ramps, assuming favorable bid results that allow us to execute the entire proposed contract. That will leave 291 non compliant ramps by the end of 2016. Using last year's pricing of approximately \$2,800 per ramp and 3% inflation will require \$120,000 per year for the next eight years. \$360,000 of the Balance to be funded amount is beyond the five year period detailed below.</p> <p>Since we have a plan in place to address non-compliant ramps and are successfully following the plan we are in compliance with the ADA.</p> |                                                     |                                                                                                                                                     |                              |         |         |         |         |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                     | PROJECT COST BY CATEGORY                                                                                                                            |                              |         |         |         |         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2009                                                | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |         |         |         |         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2024                                                | Labor                                                                                                                                               |                              |         |         |         |         |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20                                                  | Other Contracts                                                                                                                                     | 1191196.9621                 |         |         |         |         |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 672,459                                             | Other Contracts                                                                                                                                     | 3063006.9760                 |         |         |         |         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     | Total Project Cost                                                                                                                                  | \$ 672,459                   |         |         |         |         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 672,459                                             | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |         |         |         |         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 80%                                                 |                                                                                                                                                     |                              |         |         |         |         |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                              |         |         |         |         |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PRIOR <sup>2</sup>                                  | 2018                                                                                                                                                | 2019                         | 2020    | 2021    | 2022    | TOTAL   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |                                                                                                                                                     | 108,150                      | 111,395 | 114,736 | 118,178 | 452,459 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |                                                                                                                                                     |                              |         |         |         | -       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                     |                                                                                                                                                     |                              |         |         |         | -       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     | 95,000                                                                                                                                              |                              |         |         |         | 95,000  |
| GRANTS (Specify) CDBG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                     | 25,000                                                                                                                                              | 25,000                       | 25,000  | 25,000  | 25,000  | 125,000 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                                                                                                                                                     |                              |         |         |         | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                                                                                                                                                     |                              |         |         |         | -       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                   | 120,000                                                                                                                                             | 133,150                      | 136,395 | 139,736 | 143,178 | 672,459 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                     |                                                                                                                                                     |                              |         |         |         |         |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |                                                                                                                                                     |                              |         |         |         |         |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     | 2018                                                                                                                                                | 2019                         | 2020    | 2021    | 2022    | TOTAL   |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                                                                                                                                                     |                              |         |         |         | -       |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                             | DIVISION: STREET                                                                                                                                    |                              |
| PROJECT NO:<br><b>H1503</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PROJECT TITLE:<br>NEWARK TRANSPORTATION PLAN IMPLEMENTATION |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                             |                                                                                                                                                     |                              |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                             | Critical need to remediate failing service, prevent failure, or generate savings                                                                    |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                             | Healthy & Active Community                                                                                                                          |                              |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>Newark City Council has approved the "Newark Transportation Plan" and "Newark Bicycle Plan" and this project intends to begin implementing the recommendations contained within each plan. During 2015, two potential projects have come into focus that will require funding in 2016: Pedestrian improvements on East Main Street and investigation of the existing traffic signals on West Park Place to determine if they are warranted and if so what pedestrian improvements should be made.</p> <p>During 2015, the PWWR Department, in coordination with the DNP and our community affairs officer prepared and submitted a "Transportation Alternatives Program" grant application for a project that would expand on the already successful curb extensions on Main Street. The current crossings would be extended to the full length of the no parking areas, preventing the illegal parking of vehicles just upstream of crosswalks that block the view of pedestrians to oncoming drivers. These new sidewalk areas will be used to install benches that can be used by the disabled and senior citizens to rest while walking on Main Street. Additional bike parking will be included in the islands, promoting alternative transportation methods. DelDOT's consultant has begun design and as of now construction is scheduled to be coordinated with the resurfacing project now set for 2018. \$20k in additional funding to 2017 for construction because we now believe the total project cost will exceed our original estimate.</p> <p>Additionally, DelDOT has begun a signal warrant analysis of the West Park Place signalized intersections that we expect to have in-hand by the end of 2016. Improvements here are not grant eligible so I have placed a \$30k to cover initial design costs.</p> |                                                             |                                                                                                                                                     |                              |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2015                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2022                                                        | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20                                                          | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1,036,000                                                   | Other Contracts                                                                                                                                     | 3063006.9760                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 252,000                                                     | Total Project Cost                                                                                                                                  | \$ 784,000                   |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 784,000                                                     | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 25%                                                         |                                                                                                                                                     |                              |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |                                                                                                                                                     |                              |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRIOR<sup>2</sup></b>                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                  |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                             |                                                                                                                                                     | 20,000                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                             |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                             |                                                                                                                                                     |                              |
| OTHER (Specify) DelDOT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                             | 704,000                                                                                                                                             |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                             |                                                                                                                                                     |                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>-</b>                                                    | <b>704,000</b>                                                                                                                                      | <b>20,000</b>                |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                             |                                                                                                                                                     |                              |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                             |                                                                                                                                                     |                              |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>2018</b>                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                  |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                             |                                                                                                                                                     |                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                          |                                                 | DIVISION: Street                                                                                                                                    |                   |
| PROJECT NO:<br>HEQSF                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>Equipment Replacement Program |                                                                                                                                                     | PROJECT LOCATION: |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                 |                                                                                                                                                     |                   |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                     |                                                 | Critical need to remediate failing service, prevent failure, or generate savings                                                                    |                   |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                 | Sustainable Community                                                                                                                               |                   |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                                 |                                                                                                                                                     |                   |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                 | PROJECT COST BY CATEGORY                                                                                                                            |                   |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                         | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS   |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                         | Labor                                                                                                                                               |                   |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | VARIOUS                                         | Materials                                                                                                                                           |                   |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 425,000                                         | Other Contracts                                                                                                                                     | 3063026.9623      |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | -                                               | Total Project Cost                                                                                                                                  | \$ 425,000        |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 425,000                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                   |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                 |                                                                                                                                                     |                   |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                   |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                              | 2018                                                                                                                                                | 2019              |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                                                                                                                                     |                   |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                   |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                 | 190,000                                                                                                                                             | 175,000           |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                                                                                                                                     |                   |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                   |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                               | 190,000                                                                                                                                             | 175,000           |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                 |                                                                                                                                                     |                   |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                 |                                                                                                                                                     |                   |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                            | 2019                                                                                                                                                | 2020              |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       | -                                               | -                                                                                                                                                   | -                 |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, STREET DIVISION**

| VEH<br>NUMB                  | DESCRIPTION                                            | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |                  |            |            |                 |
|------------------------------|--------------------------------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|------------------|------------|------------|-----------------|
|                              |                                                        |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019             | 2020       | 2021       | 2022            |
| 515                          | FOREMAN'S TRUCK<br>2013 Ford F150 Pickup               | 06/28/13         | 19,994            | 36,319                       | 95,000                    | 10                      | 2023                   | 2023                   |                   |                  |            |            |                 |
| 551                          | SIGNS & PAINTING<br>2012 Ford F450 Stake Truck         | 01/20/12         | 50,759            | 46,078                       | 100,500                   | 8                       | 2020                   | 2022                   |                   |                  |            |            | 60,000          |
| 522                          | DUMP TRUCKS<br>2015 Ford F-650                         | 07/31/15         | 106,500           | 7,745                        | 75,000                    | 10                      | 2025                   | 2025                   |                   |                  |            |            |                 |
| 523                          | 2012 International 7400 SBA a.                         | 10/14/11         | 216,985           | 17,946                       | 75,000                    | 7                       | 2018                   | 2019                   |                   | 175,000          |            |            |                 |
| 528                          | 2002 Int'l 4900 Dump Truck d.                          | 08/31/01         | 88,107            | 57,795                       | 100,000                   | 10                      | 2011                   | 2017                   |                   |                  |            |            |                 |
| 542                          | 2006 Ford SuperDuty F-350 Dump d.                      | 08/18/06         | 32,046            | 69,485                       | 85,000                    | 10                      | 2016                   | 2017                   |                   |                  |            |            |                 |
| 550                          | 2004 Int'l 7400 Dump Truck d.                          | 11/21/03         | 95,845            | 59,893                       | 75,000                    | 10                      | 2013                   | 2017                   |                   |                  |            |            |                 |
| 553                          | 2013 Intl 7400 Dump Truck/Swap l b.                    | 03/28/13         | 216,985           | 14,820                       | 80,000                    | 10                      | 2023                   | 2023                   |                   |                  |            |            |                 |
| 554                          | 2004 Int'l 7400 Dump Truck d.                          | 11/21/03         | 95,845            | 63,746                       | 60,000                    | 10                      | 2013                   | 2017                   |                   |                  |            |            |                 |
| 508                          | OTHER EQUIPMENT<br>2000 Tarco Windy 400 Vac Leaf Lo:c. | 12/15/00         | 35,200            | --                           | --                        |                         |                        |                        |                   |                  |            |            |                 |
| 509                          | 2001 Tarco Windy 400 Vac Leaf Lo:c.                    | 07/13/01         | 35,200            | --                           | --                        |                         |                        |                        |                   |                  |            |            |                 |
| 510                          | 2000 Tarco Windy 400 Vac Leaf Load                     | 02/20/98         | 34,689            | --                           | --                        | 12                      | 2010                   | 2018                   | 60,000            |                  |            |            |                 |
| 511                          | 2013 Case 590 SM Loader/Backhoe                        | 01/07/14         | 92,375            | --                           | --                        | 9                       | 2023                   | 2023                   |                   |                  |            |            |                 |
| 531                          | 2003 JCB Model 426 Loader                              | 11/07/03         | 93,872            | --                           | --                        | 10                      | 2013                   | 2018                   | 130,000           |                  |            |            |                 |
| <b>TOTAL STREET DIVISION</b> |                                                        |                  |                   |                              |                           |                         |                        |                        | <b>\$190,000</b>  | <b>\$175,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$60,000</b> |

a. This vehicle is the first swaploader purchase. Old 523, a 1997 Int'l 4900, was renumbered 552 and retained as a backup vehicle.

b. This vehicle is the second swaploader- funds from 508 and 509 (not to be replaced) were used to purchase in 2013.

c. This vehicle will not be replaced - its replacement funds were used as part of the second swap loader replacement (vehicle 553)

d. This vehicle scheduled to be replaced in 2017.

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| DEPARTMENT: Public Works and Water Resources                                                                                                                                                                                                                                                                                                                                          |                                                     | DIVISION: Engineering                                                                                                                               |                   |
| PROJECT NO:<br><br>TEQSF                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br><br>Equipment Replacement Program |                                                                                                                                                     | PROJECT LOCATION: |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                     |                                                                                                                                                     |                   |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                  |                                                     | Project underway and must be completed                                                                                                              |                   |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                     | Sustainable Community                                                                                                                               |                   |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                                     |                                                                                                                                                     |                   |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                     | PROJECT COST BY CATEGORY                                                                                                                            |                   |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS   |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                             | Labor                                                                                                                                               |                   |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | VARIOUS                                             | Materials                                                                                                                                           |                   |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 67,000                                              | Other Contracts                                                                                                                                     | 3063026.9623      |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                     | Total Project Cost                                                                                                                                  | \$ 67,000         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 67,000                                              | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                   |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                     |                                                                                                                                                     |                   |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                     |                                                                                                                                                     |                   |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                  | 2018                                                                                                                                                | 2019              |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                     |                                                                                                                                                     |                   |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                                                                                                                                                     |                   |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                     |                                                                                                                                                     | 67,000            |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                     |                                                                                                                                                     |                   |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                     |                                                                                                                                                     |                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                   |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                     |                   |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                 | -                                                   | -                                                                                                                                                   | 67,000            |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                     |                                                                                                                                                     |                   |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                     |                                                                                                                                                     |                   |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                | 2019                                                                                                                                                | 2020              |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       | -                                                   | -                                                                                                                                                   | -                 |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, ENGINEERING DIVISION**

| VEH<br>NUMB                       | DESCRIPTION                   | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |                 |            |            |            |
|-----------------------------------|-------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|-----------------|------------|------------|------------|
|                                   |                               |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019            | 2020       | 2021       | 2022       |
|                                   | STAFF CARS                    |                  |                   |                              |                           |                         |                        |                        |                   |                 |            |            |            |
| 714                               | 2015 Ford F-350 SD Picl       | 11/30/14         | 30,978            | 9,334                        | 85,000                    | 10                      | 2025                   | 2025                   |                   |                 |            |            |            |
| 735                               | 2002 Dodge Ram 1500 I         | 04/26/02         | 13,543            | 85,863                       | 80,000                    | 10                      | 2012                   | 2019                   |                   | 21,000          |            |            |            |
|                                   | INSPECTORS                    |                  |                   |                              |                           |                         |                        |                        |                   |                 |            |            |            |
| 700                               | 2001 Jeep Cherokee 4X         | 03/16/01         | 18,814            | 56,028                       | 65,000                    | 10                      | 2011                   | 2019                   |                   | 25,000          |            |            |            |
| 711                               | 2003 Dodge Ram 1500 Pickup    | 09/13/02         | 14,980            | 60,396                       | 52,000                    | 10                      | 2012                   | 2019                   |                   | 21,000          |            |            |            |
| 748                               | 2017 Ford F-150               | 08/04/17         | 20,832            | 148                          | 60,000                    | 10                      | 2027                   | 2027                   |                   |                 |            |            |            |
|                                   | SURVEY VAN                    |                  |                   |                              |                           |                         |                        |                        |                   |                 |            |            |            |
| 746                               | 2013 Ford Van Transit Connect | 08/30/13         | 21,806            | 10,593                       | 99,000                    | 10                      | 2023                   | 2023                   |                   |                 |            |            |            |
| <b>TOTAL ENGINEERING DIVISION</b> |                               |                  |                   |                              |                           |                         |                        |                        | <b>\$0</b>        | <b>\$67,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**POLICE DEPARTMENT-GENERAL FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                                         |   | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM<br>R E C O M M E N D E D   F U N D I N G |           |          |           |          |             |
|-------------------------------------------|-----------------------------------------|---|----------------|-----------------------------|--------------------|---------------------------------------------------------------------------------|-----------|----------|-----------|----------|-------------|
|                                           |                                         |   |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | 2018                                                                            | 2019      | 2020     | 2021      | 2022     | TOTAL       |
| C1801                                     | Motorola Vehicle Radio Upgrade          | B | \$0            | \$108,603                   | \$0                | \$108,603                                                                       | \$0       | \$0      | \$0       | \$0      | \$108,603   |
| C1802                                     | Police Office Chair Replacement Project | D | 0              | 9,500                       | 0                  | 9,500                                                                           | 0         | 0        | 0         | 0        | 9,500       |
| C1701                                     | Vehicle 940 Addition to Fleet           | B | 20,000         | 0                           | 0                  | 0                                                                               | 0         | 0        | 0         | 0        | 0           |
| C1702                                     | NPD/UDPD 911 Center Co-location Study   | B | 25,000         | 0                           | 0                  | 0                                                                               | 0         | 0        | 0         | 0        | 0           |
| C1601                                     | Taser X26P Replacement                  | B | 18,818         | 20,389                      | 0                  | 20,389                                                                          | 21,408    | 22,478   | 23,602    | 24,782   | 112,659     |
| C1401                                     | Ballistic Vests                         | B | 6,000          | 3,000                       | 0                  | 3,000                                                                           | 13,390    | 11,671   | 33,883    | 14,638   | 76,582      |
| CEQSF                                     | Vehicle Replacement Program             | B | 312,000        | 184,000                     | 0                  | 184,000                                                                         | 445,000   | 30,000   | 96,000    | 50,000   | 805,000     |
| Total Police Department                   |                                         |   | \$381,818      | \$325,492                   | \$0                | \$325,492                                                                       | \$479,798 | \$64,149 | \$153,485 | \$89,420 | \$1,112,344 |
|                                           |                                         |   |                |                             |                    |                                                                                 |           |          |           |          |             |
| GROSS CAPITAL IMPROVEMENTS                |                                         |   | \$381,818      | \$325,492                   | \$0                | \$325,492                                                                       | \$479,798 | \$64,149 | \$153,485 | \$89,420 | \$1,112,344 |
| LESS: USE OF RESERVES                     |                                         |   | (51,000)       | 0                           | 0                  | 0                                                                               | 0         | 0        | 0         | 0        | 0           |
| VEHICLE/EQUIPMENT REPLACEMENT             |                                         |   | (330,818)      | (325,492)                   | 0                  | (325,492)                                                                       | (479,798) | (64,149) | (153,485) | (89,420) | (1,112,344) |
| GRANTS                                    |                                         |   | 0              | 0                           | 0                  | 0                                                                               | 0         | 0        | 0         | 0        | 0           |
| BOND ISSUES                               |                                         |   | 0              | 0                           | 0                  | 0                                                                               | 0         | 0        | 0         | 0        | 0           |
| OTHER FINANCING SOURCES                   |                                         |   | 0              | 0                           | 0                  | 0                                                                               | 0         | 0        | 0         | 0        | 0           |
| NET CAPITAL IMPROVEMENTS                  |                                         |   | \$0            | \$0                         | \$0                | \$0                                                                             | \$0       | \$0      | \$0       | \$0      | \$0         |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DEPARTMENT: POLICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  | DIVISION: POLICE                                                                                                                                    |                                            |
| PROJECT NO:<br><b>C1801</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PROJECT TITLE:<br><b>MOTOROLA VEHICLE RADIO UPGRADE</b>                          |                                                                                                                                                     | PROJECT LOCATION:<br><b>POLICE STATION</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  | <b>New Project</b>                                                                                                                                  |                                            |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                            |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  | Sustainable Community                                                                                                                               |                                            |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The State of Delaware Division of Communications is upgrading the Statewide 800 MHz radio system. This radio upgrade will replace key infrastructure that is almost 20 years old. As part of this upgrade all in-vehicle 800MHz radios must be replaced by 2024, funded by each individual police agency. To help facilitate this process Motorola is offering rebates through 2021 with the rebate amount decreasing by \$200 each year. The 2018 rebate is currently \$900 per unit. In order to maximize cost savings (approx. \$30,000) The department recommends purchasing all 33 replacement radios in 2018.</p> <p>(Note – Motorola will not offer replacement parts for our current radios after 2018)</p> |                                                                                  |                                                                                                                                                     |                                            |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  | PROJECT COST BY CATEGORY                                                                                                                            |                                            |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2018                                                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                            |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2018                                                                             | Labor                                                                                                                                               |                                            |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15                                                                               | Materials                                                                                                                                           | 3063026.9622 \$ 108,603                    |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 108,603                                                                          | Other Contracts                                                                                                                                     |                                            |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                | Total Project Cost \$ 108,603                                                                                                                       |                                            |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 108,603                                                                          | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                            |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0%                                                                               |                                                                                                                                                     |                                            |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  |                                                                                                                                                     |                                            |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PRIOR <sup>2</sup>                                                               | 2018                                                                                                                                                | 2019                                       |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                                                                                                     |                                            |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                            |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  | 108,603                                                                                                                                             |                                            |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                  |                                                                                                                                                     |                                            |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                            |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                | 108,603                                                                                                                                             | -                                          |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                                                                                                                                     |                                            |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                  |                                                                                                                                                     |                                            |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2018                                                                             | 2019                                                                                                                                                | 2020                                       |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                            |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: POLICE                                                                                                                                                                                                                                                                                                                                                                    |                                                                         | DIVISION: POLICE                                                                                                                                    |                                     |
| PROJECT NO:<br>C1802                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>POLICE OFFICE CHAIR REPLACEMENT PROGRAM               |                                                                                                                                                     | PROJECT LOCATION:<br>POLICE STATION |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                         | New Project                                                                                                                                         |                                     |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                             | The City would be taking a calculated risk in the deferral of this item |                                                                                                                                                     |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                         | Sustainable Community                                                                                                                               |                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This amount reflects the replacement of 37 upholstered chairs that will be 25 years old in 2018. These chairs are original to the building and are in poor condition with the majority ripped, stained and without full functionality.</p> <p>Cost reflects \$250/ea x 37 + estimated shipping.</p>                     |                                                                         |                                                                                                                                                     |                                     |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                                         | PROJECT COST BY CATEGORY                                                                                                                            |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2018                                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | 2018                                                                    | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 10                                                                      | Materials                                                                                                                                           | 3063026.9622                        |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 9,500                                                                   | Other Contracts                                                                                                                                     |                                     |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | -                                                                       | Total Project Cost                                                                                                                                  | \$ 9,500                            |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 9,500                                                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              | 0%                                                                      |                                                                                                                                                     |                                     |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                                                                                                     |                                     |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                                      | 2018                                                                                                                                                | 2019                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                         | 9,500                                                                                                                                               |                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |                                                                                                                                                     |                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                                                       | 9,500                                                                                                                                               | -                                   |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                         |                                                                                                                                                     |                                     |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                                     |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                    | 2019                                                                                                                                                | 2020                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                     |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                     |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: Police                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | DIVISION: Police                                                                                                                                    |                                     |
| PROJECT NO:<br>C1601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br>Taser X26P Replacement |                                                                                                                                                     | PROJECT LOCATION:<br>Police Station |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                                                                                                                                     |                                     |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          | Project underway and must be completed                                                                                                              |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | Sustainable Community                                                                                                                               |                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The Taser is a less lethal weapon utilized by officers to defend themselves or others from aggressive or actively resistant persons while reducing the risk of receiving or inflicting injury. The manufacturer warranties the X26P for 5 years. Our existing inventory of tasers are in need of replacement. A taser &amp; holster costs a total of \$1456.35/ea for 2018. Our plan is to replace 14 tasers per year. 2019 to 2022 cost estimates represent a 5% per year price increase as provided by Taser.</p> |                                          |                                                                                                                                                     |                                     |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | PROJECT COST BY CATEGORY                                                                                                                            |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ongoing                                  | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ongoing                                  | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5                                        | Materials                                                                                                                                           | 3063026.9622                        |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 112,659                                  | Other Contracts                                                                                                                                     |                                     |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          | Total Project Cost \$ 112,659                                                                                                                       |                                     |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 112,659                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |                                                                                                                                                     |                                     |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                                                                                                                                                     |                                     |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PRIOR <sup>2</sup>                       | 2018                                                                                                                                                | 2019                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          | 20,389                                                                                                                                              | 21,408                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |                                                                                                                                                     |                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                        | 20,389                                                                                                                                              | 21,408                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          | 22,478                                                                                                                                              | 23,602                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          | 24,782                                                                                                                                              | 112,659                             |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                             |                                          |                                                                                                                                                     |                                     |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                          |                                                                                                                                                     |                                     |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2018                                     | 2019                                                                                                                                                | 2020                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                     |                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                     | -                                   |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                                                                                                                                     |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| DEPARTMENT: POLICE                                                                                                                                                                                                                                                                                                                                                                                               |                                        | DIVISION: POLICE                                                                                                                                    |                 |
| PROJECT NO:<br>C1401                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br>BALLISTIC VESTS      | PROJECT LOCATION:<br>POLICE STATION                                                                                                                 |                 |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                          |                                        | In Progress                                                                                                                                         |                 |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                             | Project underway and must be completed |                                                                                                                                                     |                 |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                               |                                        | Sustainable Community                                                                                                                               |                 |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The ballistic vests are necessary to ensure the safety of police officers. Ballistic vests have a five year expiration date. 3 vests expire in 2018 and must be replaced. 13 vests expire in 2019. 11 vests expire in 2020. 31 vests expire in 2021, 13 vests expire in 2022. 2019 to 2022 numbers represent a 3% per year estimated increase.</p> |                                        |                                                                                                                                                     |                 |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                               |                                        | PROJECT COST BY CATEGORY                                                                                                                            |                 |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                            | Ongoing                                | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                             | Ongoing                                | Labor                                                                                                                                               |                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                      | 5                                      | Materials                                                                                                                                           | 3063026.9622    |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                  | 76,582                                 | Other Contracts                                                                                                                                     |                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                    | -                                      | Total Project Cost                                                                                                                                  | \$ 76,582       |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                | 76,582                                 | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                 |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                         | 0%                                     |                                                                                                                                                     |                 |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                   |                                        |                                                                                                                                                     |                 |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                       | PRIOR <sup>2</sup>                     | 2018                                                                                                                                                | 2019            |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                                                                                     |                 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |                                                                                                                                                     |                 |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                            |                                        | 3,000                                                                                                                                               | 13,390          |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                      |                                        |                                                                                                                                                     |                 |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |                                                                                                                                                     |                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                                                                                                                                     |                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                                                                                                                                     |                 |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                            | -                                      | 3,000                                                                                                                                               | 13,390          |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                            |                                        |                                                                                                                                                     |                 |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                     |                                        |                                                                                                                                                     |                 |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                 | 2018                                   | 2019                                                                                                                                                | 2020            |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                  |                                        |                                                                                                                                                     |                 |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: Police                                                                                                                                                                                                                                                                                                                                                                    |                                                 | DIVISION: Police                                                                                                                                    |                                     |
| PROJECT NO:<br>CEQSF                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>Equipment Replacement Program |                                                                                                                                                     | PROJECT LOCATION:<br>Police Station |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                 |                                                                                                                                                     |                                     |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                  |                                                 | Project underway and must be completed                                                                                                              |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                 | Sustainable Community                                                                                                                               |                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                                 |                                                                                                                                                     |                                     |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                 | PROJECT COST BY CATEGORY                                                                                                                            |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                         | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                         | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | Various                                         | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 805,000                                         | Other Contracts                                                                                                                                     | 3063026.9623                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                 | Total Project Cost \$ 805,000                                                                                                                       |                                     |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 805,000                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                 |                                                                                                                                                     |                                     |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                                     |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                              | 2018                                                                                                                                                | 2019                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                 | 184,000                                                                                                                                             | 445,000                             |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                                                                                                                                     |                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                               | 184,000                                                                                                                                             | 445,000                             |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                 |                                                                                                                                                     |                                     |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                 |                                                                                                                                                     |                                     |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                            | 2019                                                                                                                                                | 2020                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                     |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**POLICE DEPARTMENT PAGE 1 OF 2**

| VEH<br>NUMB | DESCRIPTION                     | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |        |      |        |        |
|-------------|---------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|--------|------|--------|--------|
|             |                                 |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019   | 2020 | 2021   | 2022   |
| STAFF CARS  |                                 |                  |                   |                              |                           |                         |                        |                        |                   |        |      |        |        |
| 921         | 2016 Chevrolet Impala           | 06/22/16         | 22,463            | 10,395                       | 65,000                    | 10                      | 2026                   | 2026                   |                   |        |      |        |        |
| 924         | 2013 Chevy Caprice PPV Patrol   | 06/28/13         | 32,854            | 38,384                       | 65,000                    | 10                      | 2023                   | 2023                   |                   |        |      |        |        |
| 927         | 2006 Ford Crown Victoria        | 08/11/06         | 23,093            | 69,931                       | 75,000                    | 10                      | 2016                   | 2018                   | 30,000            |        |      |        |        |
| PATROL      |                                 |                  |                   |                              |                           |                         |                        |                        |                   |        |      |        |        |
| 900         | 2105 Chevy Tahoe C1500          | 12/22/14         | 38,203            | 21,796                       | 75,000                    | 5                       | 2019                   | 2021                   |                   |        |      | 48,000 |        |
| 905         | 2014 Chevy Caprice PPV Patrol   | 04/03/14         | 28,485            | 33,997                       | 75,000                    | 5                       | 2019                   | 2019                   |                   | 40,000 |      |        |        |
| 906         | 2105 Chevy Tahoe C1500          | 12/22/14         | 36,499            | 41,589                       | 105,000                   | 5                       | 2019                   | 2021                   |                   |        |      | 48,000 |        |
| 907         | 2013 Chevy Caprice PPV Patrol   | 06/28/13         | 33,392            | 85,624                       | 75,000                    | 5                       | 2018                   | 2019                   |                   | 40,000 |      |        |        |
| 909         | 2014 Chevy Caprice PPV Patrol   | 09/30/14         | 30,670            | 57,316                       | 120,000                   | 5                       | 2019                   | 2019                   |                   | 40,000 |      |        |        |
| 910         | 2012 Chevy Caprice PPV Patrol   | 07/26/12         | 34,910            | 88,944                       | 110,000                   | 5                       | 2017                   | 2019                   |                   | 40,000 |      |        |        |
| 914         | 2015 Chevy Tahoe 4X4 PPV        | 08/03/15         | 31,840            | 21,069                       | 85,000                    | 7                       | 2022                   | 2022                   |                   |        |      |        | 50,000 |
| 915         | 2012 Chevy Caprice PPV Patrol   | 08/02/12         | 34,882            | 95,857                       | 110,000                   | 5                       | 2017                   | 2019                   |                   | 40,000 |      |        |        |
| 918         | 2017 Chevy Tahoe PPV 4X4 Patrol | 06/22/17         | 47,942            | 50                           | 75,000                    | 5                       | 2023                   | 2023                   |                   |        |      |        |        |
| 923         | 2017 Chevy Tahoe PPV 4X4 Patrol | 06/22/17         | 48,546            | 349                          | 75,000                    | 5                       | 2023                   | 2023                   |                   |        |      |        |        |
| 925         | 2017 Chevy Tahoe PPV 4X4 Patrol | 06/22/17         | 47,942            | 322                          | 75,000                    | 5                       | 2023                   | 2023                   |                   |        |      |        |        |
| 926         | 2011 Ford Crown Victoria        | 07/29/11         | 29,584            | 118,945                      | 75,000                    | 5                       | 2016                   | 2019                   |                   | 40,000 |      |        |        |
| 928         | 2017 Chevy Tahoe PPV 4X4 Patrol | 06/22/17         | 47,662            | 105,043                      | 75,000                    | 5                       | 2023                   | 2023                   |                   |        |      |        |        |
| 929         | 2008 Ford Crown Victoria        | 05/28/08         | 21,001            | 83,024                       | 100,000                   | 5                       | 2013                   | 2018                   | 30,000            |        |      |        |        |
| 931         | 2015 Chevy Tahoe 4X4 PPV        | 09/22/15         | 33,834            | 19,498                       | 75,000                    | 7                       | 2022                   | 2023                   |                   |        |      |        |        |
| 935         | 2012 Chevy Caprice PPV Patrol   | 07/26/12         | 34,846            | 127,257                      | 75,000                    | 5                       | 2017                   | 2019                   |                   | 40,000 |      |        |        |
| 936         | 2017 Chevy Tahoe PPV 4X4 Patrol | 07/18/17         | 38,432            | 50                           | 75,000                    | 5                       | 2023                   | 2023                   |                   |        |      |        |        |
| 937         | 2006 Ford E-350 Super Van       | 12/08/06         | 26,800            | 3,069                        | 15,000                    | 10                      | 2016                   | 2019                   |                   | 35,000 |      |        |        |
| 941         | 2012 Chevy Caprice PPV Patrol   | 10/12/12         | 39,103            | 49,384                       | 110,000                   | 5                       | 2017                   | 2019                   |                   | 40,000 |      |        |        |
| 991         | 2009 Ford F250 3/4 Ton Pickup   | 04/24/09         | 37,488            | 66,146                       | 80,000                    | 10                      | 2019                   | 2019                   |                   | 30,000 |      |        |        |
| 994         | 2008 Ford Crown Victoria        | 05/09/08         | 24,420            | 85,930                       | 75,000                    | 5                       | 2013                   | 2018                   | 30,000            |        |      |        |        |
| 998         | 2008 Chev Mobile Command Center | 07/31/09         | 197,920           | 2,238                        |                           |                         |                        |                        |                   |        |      |        |        |

(Continued on next page)

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**POLICE DEPARTMENT PAGE 2 OF 2**

| VEH<br>NUMB             | DESCRIPTION                      | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |           |          |          |          |
|-------------------------|----------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|-----------|----------|----------|----------|
|                         |                                  |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019      | 2020     | 2021     | 2022     |
| CRIMINAL                |                                  |                  |                   |                              |                           |                         |                        |                        |                   |           |          |          |          |
| 911                     | 2012 Chevy Impala                | 06/08/12         | 21,534            | 37,434                       | 65,000                    | 7                       | 2019                   | 2019                   |                   | 30,000    |          |          |          |
| 912                     | 2010 Ford Crown Victoria         | 05/28/10         | 23,474            | 70,662                       | 65,000                    | 7                       | 2017                   | 2018                   | 30,000            |           |          |          |          |
| 913                     | 2013 Chevrolet Impala            | 08/09/13         | 22,644            | 33,358                       | 65,000                    | 7                       | 2020                   | 2020                   |                   |           | 30,000   |          |          |
| 920                     | 2011 Ford Crown Victoria         | 07/22/11         | 24,414            | 40,153                       | 75,000                    | 7                       | 2018                   | 2019                   |                   | 30,000    |          |          |          |
| 922                     | 2017 Chevy Impala                | 06/05/17         | 12,436            | 1,291                        | 65,000                    | 7                       | 2024                   | 2024                   |                   |           |          |          |          |
| 932                     | 2004 Ford 15 Passenger Van       | 03/19/04         | 19,307            | 15,770                       | 75,000                    | 10                      | 2014                   | 2018                   | 24,000            |           |          |          |          |
| 938                     | 2005 Ford Excursion              | 01/28/08         | N/A               | 34,417                       | N/A                       | N/A                     | N/A                    |                        |                   |           |          |          |          |
| 940                     | 2017 Chevrolet Impala            | 06/19/17         | 12,436            | 1,386                        | 65,000                    | 7                       | 2024                   | 2024                   |                   |           |          |          |          |
| 990                     | 2004 Chevrolet Silverado         | 05/03/07         | 2,723             | --                           | --                        | N/A                     | N/A                    |                        |                   |           |          |          |          |
| TRAFFIC                 |                                  |                  |                   |                              |                           |                         |                        |                        |                   |           |          |          |          |
| 902                     | 2016 Harley Motorcycle           | 07/20/16         | 26,047            | 2,175                        | 80,000                    | 10                      | 2026                   | 2026                   |                   |           |          |          |          |
| 903                     | 2016 Harley Motorcycle           | 07/20/16         | 24,652            | 3,164                        | 80,000                    | 10                      | 2026                   | 2026                   |                   |           |          |          |          |
| 904                     | 2016 Harley Motorcycle           | 07/20/16         | 24,652            | 3,170                        | 80,000                    | 10                      | 2026                   | 2026                   |                   |           |          |          |          |
| 908                     | 2010 Chevrolet Tahoe K1500 LS    | 08/05/10         | 35,596            | 75,534                       | 90,000                    | 7                       | 2017                   | 2018                   | 40,000            |           |          |          |          |
| 917                     | 2016 Chevrolet Silverado1500 4X4 | 08/05/16         | 37,401            | 41,445                       | 75,000                    | 7                       | 2023                   | 2023                   |                   |           |          |          |          |
| 930                     | 2016 Chevy Tahoe PPV 4X4 Patrol  | 05/26/16         | 48,877            | 10,652                       | 80,000                    | 7                       | 2023                   | 2023                   |                   |           |          |          |          |
| 934                     | 2017 Chevy Tahoe PPV 4X4 Patrol  | 06/22/17         | 37,987            | 86,006                       | 75,000                    | 7                       | 2025                   | 2025                   |                   |           |          |          |          |
| 939                     | 2017 Chevy Tahoe PPV 4X4 Patrol  | 06/22/17         | 37,987            | 3,384                        | 80,000                    | 7                       | 2025                   | 2025                   |                   |           |          |          |          |
| TOTAL POLICE DEPARTMENT |                                  |                  |                   |                              |                           |                         |                        |                        | \$184,000         | \$445,000 | \$30,000 | \$96,000 | \$50,000 |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**PARKS & RECREATION DEPARTMENT-GENERAL FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                                               |   | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM |             |           |             |           |             |
|-------------------------------------------|-----------------------------------------------|---|----------------|-----------------------------|--------------------|----------------------------------------|-------------|-----------|-------------|-----------|-------------|
|                                           |                                               |   |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | R E C O M M E N D E D F U N D I N G    |             |           |             |           |             |
|                                           |                                               |   |                |                             |                    | 2018                                   | 2019        | 2020      | 2021        | 2022      | TOTAL       |
| K1701                                     | GWC Kitchen Rehabilitation                    | C | \$70,000       | \$0                         | \$0                | \$0                                    | \$0         | \$0       | \$0         | \$0       | \$0         |
| K1702                                     | Fence Repair and Construction                 | B | 15,700         | 0                           | 0                  | 0                                      | 0           | 0         | 0           | 0         | 0           |
| K1704                                     | Picnic Shelter-Lumbrook Park                  | C | 0              | 0                           | 0                  | 0                                      | 0           | 45,000    | 0           | 0         | 45,000      |
| K1705                                     | Preston's Playground Utility Lines            | C | 160,334        | 0                           | 0                  | 0                                      | 0           | 0         | 0           | 0         | 0           |
| K1601                                     | Bicycle/Pedestrian Bridge-Curtis Mill/Kershaw | B | 200,000        | 500,000                     | 0                  | 500,000                                | 1,050,000   | 0         | 0           | 0         | 1,550,000   |
| K1605                                     | Redd Park Trail Improvements                  | C | 0              | 32,000                      | 0                  | 32,000                                 | 30,000      | 0         | 0           | 0         | 62,000      |
| K1501                                     | Iron Glen Park Master Plan                    | C | 0              | 0                           | 0                  | 0                                      | 0           | 0         | 50,000      | 0         | 50,000      |
| K1502                                     | Fitness Stations                              | C | 0              | 20,000                      | 0                  | 20,000                                 | 0           | 0         | 0           | 0         | 20,000      |
| K1301                                     | Hard Surface Facility Improvements            | B | 194,000        | 50,000                      | 0                  | 50,000                                 | 145,000     | 422,000   | 280,000     | 238,000   | 1,135,000   |
| K1303                                     | Facilities Accessibility                      | C | 0              | 20,000                      | 0                  | 20,000                                 | 20,000      | 20,000    | 20,000      | 20,000    | 100,000     |
| K1305                                     | Pomeroy Trail Connector                       | C | 0              | 0                           | 0                  | 0                                      | 120,000     | 0         | 0           | 0         | 120,000     |
| K1202                                     | Kershaw Park Lot Improvements                 | C | 0              | 0                           | 0                  | 0                                      | 0           | 0         | 200,000     | 0         | 200,000     |
| K1203                                     | Old Paper Mill Park Improvements              | C | 0              | 0                           | 0                  | 0                                      | 100,000     | 0         | 600,000     | 600,000   | 1,300,000   |
| K0908                                     | Children's Play Equipment                     | C | 0              | 20,000                      | 0                  | 20,000                                 | 60,000      | 40,000    | 40,000      | 0         | 160,000     |
| KEQSF                                     | Vehicle Replacement Program                   | D | 32,000         | 62,000                      | 0                  | 62,000                                 | 245,000     | 25,000    | 28,000      | 90,000    | 450,000     |
| Total Parks & Recreation Department       |                                               |   | \$672,034      | \$704,000                   | \$0                | \$704,000                              | \$1,770,000 | \$552,000 | \$1,218,000 | \$948,000 | \$5,192,000 |
|                                           |                                               |   |                |                             |                    |                                        |             |           |             |           |             |
| GROSS CAPITAL IMPROVEMENTS                |                                               |   | \$672,034      | \$704,000                   | \$0                | \$704,000                              | \$1,770,000 | \$552,000 | \$1,218,000 | \$948,000 | \$5,192,000 |
| LESS: USE OF RESERVES                     |                                               |   | (440,034)      | 0                           | 0                  | 0                                      | 0           | 0         | 0           | 0         | 0           |
| VEHICLE/EQUIPMENT REPLACEMENT             |                                               |   | (32,000)       | (62,000)                    | 0                  | (62,000)                               | (245,000)   | (25,000)  | (28,000)    | (90,000)  | (450,000)   |
| GRANTS                                    |                                               |   | (200,000)      | (555,550)                   | 0                  | (555,550)                              | (640,000)   | 0         | 0           | 0         | (1,195,550) |
| BOND ISSUES                               |                                               |   | 0              | (86,450)                    | 0                  | (86,450)                               | (205,000)   | (462,000) | (320,000)   | (238,000) | (1,311,450) |
| OTHER FINANCING SOURCES                   |                                               |   | 0              | 0                           | 0                  | 0                                      | (300,000)   | 0         | 0           | 0         | (300,000)   |
| NET CAPITAL IMPROVEMENTS                  |                                               |   | \$0            | \$0                         | \$0                | \$0                                    | \$380,000   | \$65,000  | \$870,000   | \$620,000 | \$1,935,000 |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

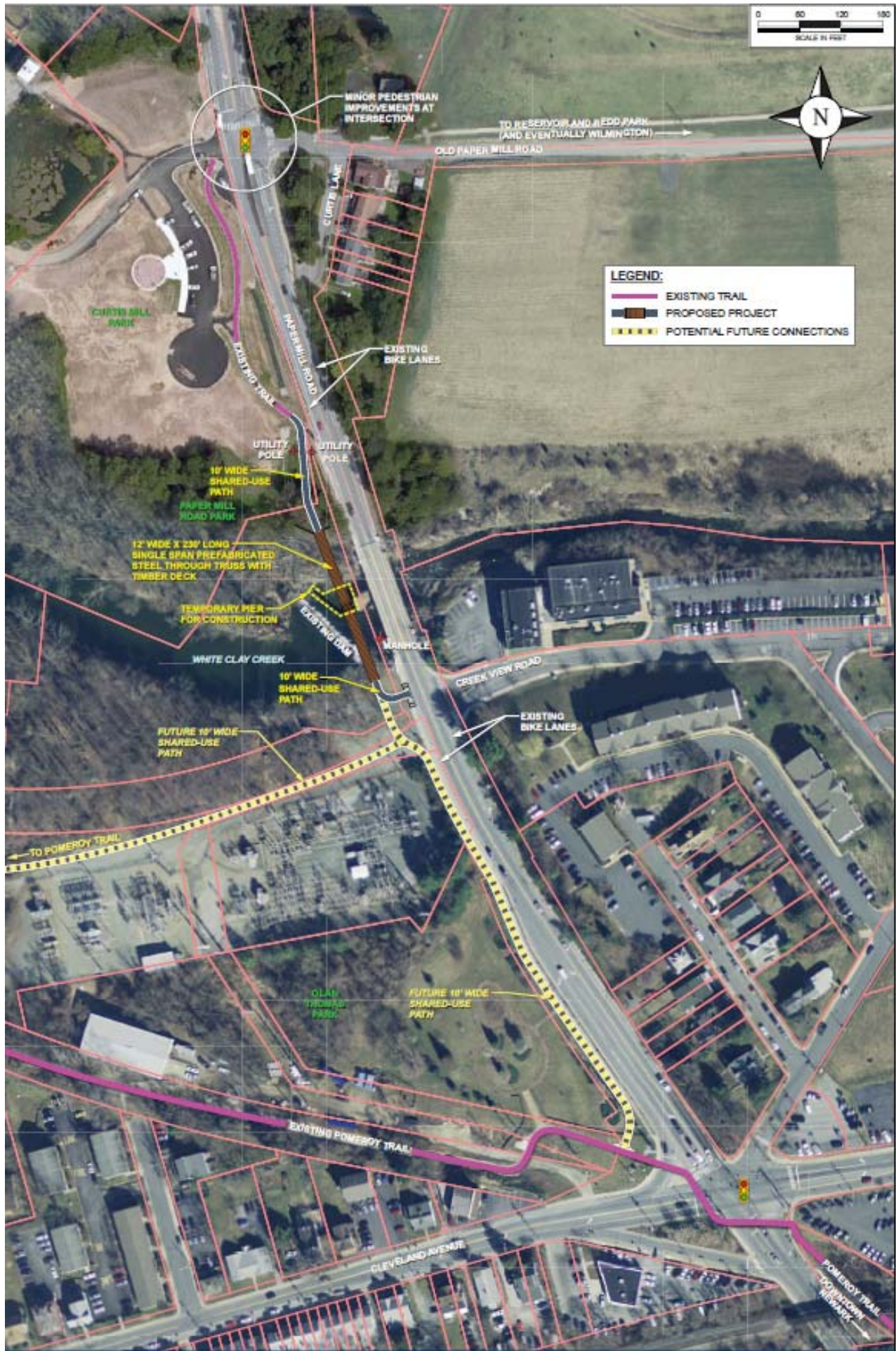
### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                        |                                                                                             | DIVISION: PARKS & RECREATION                                                                                                                        |                                           |
| PROJECT NO:<br><b>K1704</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>LUMBROOK PARK PAVILION</b>                                             |                                                                                                                                                     | PROJECT LOCATION:<br><b>LUMBROOK PARK</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                             | <b>New Project</b>                                                                                                                                  |                                           |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                           | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                           |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                             | <b>Healthy &amp; Active Community</b>                                                                                                               |                                           |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Purchase and construct a shelter with concrete floor and picnic tables. This would replace the current shelter that is over 36 years old, leaking and in need of replacement.</p>                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                           |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | PROJECT COST BY CATEGORY                                                                                                                            |                                           |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2017                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | 2020                                                                                        | Labor                                                                                                                                               |                                           |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 40                                                                                          | Materials                                                                                                                                           |                                           |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 45,000                                                                                      | Other Contracts                                                                                                                                     | 3063006.9620                              |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | -                                                                                           | Total Project Cost \$ 45,000                                                                                                                        |                                           |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 45,000                                                                                      | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                           |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              | 0%                                                                                          |                                                                                                                                                     |                                           |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                                                                                                                                     |                                           |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                                                                          | 2018                                                                                                                                                | 2019                                      |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     | 45,000                                    |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                           |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                           |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                           |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                           |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                           | -                                                                                                                                                   | 45,000                                    |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                             |                                                                                                                                                     |                                           |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                                                             |                                                                                                                                                     |                                           |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                                        | 2019                                                                                                                                                | 2020                                      |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                           |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |                                                                                                                                                     |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| DEPARTMENT: <b>PARKS &amp; RECREATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    | DIVISION: <b>PARKS &amp; RECREATION</b>                                                                                                             |                        |
| PROJECT NO:<br><b>K1601</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PROJECT TITLE:<br><b>CHARLES EMERSON BICYCLE/PEDESTRIAN BRIDGE</b> | PROJECT LOCATION:<br><b>CURTIS MILL &amp; KERSHAW PARKS AT PAPER MILL ROAD</b>                                                                      |                        |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                    |                                                                                                                                                     |                        |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    | <b>Project underway and must be completed</b>                                                                                                       |                        |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                    | <b>Healthy &amp; Active Community</b>                                                                                                               |                        |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>This project included in the 2011 Master Plan created for Curtis Mill Park, Kershaw Parking Lot Improvements and Old Paper Mill Road Park. Placement of a bicycle/pedestrian bridge over the White Clay Creek connecting Curtis Mill Park and Kershaw Park. Federal Highway Administration "Alternative Transportation Program" (TAP) funding has been secured for the project in the amount of \$1,000,000.00. The funds will be distributed to DelDOT. DelDOT and their consultant (Whitman Requardt) will do the permitting, surveying, construction contract preparation and project over site. Newark will assume maintenance responsibilities once built. The project requires 20% (\$200,000.00) local match. We have received approval from DTF for a \$200,000.00 grant to fund the local match requirement.</p> <p>The city has also obtained additional funding for this project:<br/>         \$200,000.00 from New Castle County, \$150,000.00 from Legislation Community Transportation Fund, \$100,000.00 from the Univeristy of Delaware and an additional \$100,000.00 from the DTF Grant. The project has a total of \$1,550,000.00 in funding secured.</p> |                                                                    |                                                                                                                                                     |                        |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                        |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>2016</b>                                                        | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b> |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>2019</b>                                                        | Labor                                                                                                                                               |                        |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>50</b>                                                          | Materials                                                                                                                                           |                        |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>1,750,000</b>                                                   | Other Contracts                                                                                                                                     | <b>3063006.9620</b>    |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>200,000</b>                                                     | Total Project Cost                                                                                                                                  | <b>\$ 1,550,000</b>    |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>1,550,000</b>                                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                        |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>10%</b>                                                         |                                                                                                                                                     |                        |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |                                                                                                                                                     |                        |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>PRIOR<sup>2</sup></b>                                           | <b>2018</b>                                                                                                                                         | <b>2019</b>            |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                     | <b>200,000</b>         |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                    |                                                                                                                                                     |                        |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |                                                                                                                                                     |                        |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    |                                                                                                                                                     |                        |
| GRANTS (Specify) <small>SORPT, FHWA, DTF &amp; CTF</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    | <b>500,000</b>                                                                                                                                      | <b>550,000</b>         |
| OTHER (Specify) <small>NCC</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                    |                                                                                                                                                     | <b>200,000</b>         |
| OTHER (Specify) <small>UD</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |                                                                                                                                                     | <b>100,000</b>         |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>-</b>                                                           | <b>500,000</b>                                                                                                                                      | <b>1,050,000</b>       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |                                                                                                                                                     |                        |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                    |                                                                                                                                                     |                        |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>2018</b>                                                        | <b>2019</b>                                                                                                                                         | <b>2020</b>            |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |                                                                                                                                                     |                        |





## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| DEPARTMENT: <b>PARKS &amp; RECREATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       | DIVISION: <b>PARKS &amp; RECREATION</b>                                                                                                             |                        |
| PROJECT NO:<br><b>K1605</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PROJECT TITLE:<br><b>REDD PARK TRAIL IMPROVEMENTS</b> | PROJECT LOCATION:<br><b>WILLIAM REDD PARK</b>                                                                                                       |                        |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                                                                                                                     |                        |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       | This project is a NEED and not a WANT, but no significant risk in the deferral of this item                                                         |                        |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       | Healthy & Active Community                                                                                                                          |                        |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>This request is to fund the completion of trail surface amendments and to purchase materials to construct and install a footbridge over a tributary of Jenney's Run, and create a trail addition for the Redd Park Trail Network. We will be requesting funding through the State's Recreation Trail Program (RTP). The program requires a 20% local match. This trail addition will connect Redd Park and the Newark Reservoir Trails to Paper Mill Road near the Thompson Station Intersection and easy access to the State of Delaware's Tri-Valley Trail.</p> <p>If the grant funding is not formally approved, this project will be deferred.</p> |                                                       |                                                                                                                                                     |                        |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                        |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>2016</b>                                           | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b> |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>2019</b>                                           | Labor                                                                                                                                               |                        |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>20</b>                                             | Materials                                                                                                                                           |                        |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>62,000</b>                                         | Other Contracts                                                                                                                                     | <b>3063006.9620</b>    |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>-</b>                                              | Total Project Cost                                                                                                                                  | <b>\$ 62,000</b>       |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>62,000</b>                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                        |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>0%</b>                                             |                                                                                                                                                     |                        |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                       |                                                                                                                                                     |                        |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>PRIOR<sup>2</sup></b>                              | <b>2018</b>                                                                                                                                         | <b>2019</b>            |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                       |                                                                                                                                                     |                        |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                       |                                                                                                                                                     |                        |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                       |                                                                                                                                                     |                        |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |                                                                                                                                                     |                        |
| GRANTS (Specify) <b>RTP/CTF</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       | <b>32,000</b>                                                                                                                                       | <b>30,000</b>          |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                                                                                                                                                     |                        |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                                                                                                                                                     |                        |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>-</b>                                              | <b>32,000</b>                                                                                                                                       | <b>30,000</b>          |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                       |                                                       |                                                                                                                                                     |                        |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                                                                                                                                                     |                        |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>2018</b>                                           | <b>2019</b>                                                                                                                                         | <b>2020</b>            |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                                                                                                                                                     |                        |

## CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|------------------------------|--------------------|-----------|
| DEPARTMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | PARKS & RECREATION                                                                                                                                  |                          | DIVISION: |                              | PARKS & RECREATION |           |
| PROJECT NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | PROJECT TITLE:                                                                                                                                      |                          |           | PROJECT LOCATION:            |                    |           |
| K1501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    | IRON GLENN PARK MASTER PLAN                                                                                                                         |                          |           | IRON GLENN PARK, ELKTON ROAD |                    |           |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                                                                                                                                                     |                          |           | New Project                  |                    |           |
| PRIORITY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    | 4 - Medium This project is a NEED and not a WANT, but no significant risk in the deferral of this item                                              |                          |           |                              |                    |           |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                                                                                     |                          |           | Healthy & Active Community   |                    |           |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>In 1994 Newark acquired this 12.7 acre parcel. The purchase was funded by the Delaware Land and Water Conservation Trust Fund (DTF). A stipulation when using DTF funding is that the property must be utilized for public outdoor recreation . For the past 12 years the site has been used as one of the City's leaf and yard waste sites. That operation is being relocated. This project is to have a master plan completed for the parkland.</p> <p>Moved to 2021 to align project with DelDot improvements for Elkton Rd. and the signalization of the park entrance.</p> |                    |                                                                                                                                                     |                          |           |                              |                    |           |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                                                                                     | PROJECT COST BY CATEGORY |           |                              |                    |           |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2015               | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS          |           | AMOUNT                       |                    |           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2021               | Labor                                                                                                                                               |                          |           |                              |                    |           |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                 | Materials                                                                                                                                           |                          |           |                              |                    |           |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50,000             | Other Contracts                                                                                                                                     | 3063006.9620             |           | \$                           | 50,000             |           |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                  | Total Project Cost                                                                                                                                  |                          |           |                              |                    | \$ 50,000 |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 50,000             | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                          |           |                              |                    |           |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0%                 |                                                                                                                                                     |                          |           |                              |                    |           |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                     |                          |           |                              |                    |           |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PRIOR <sup>2</sup> | 2018                                                                                                                                                | 2019                     | 2020      | 2021                         | 2022               | TOTAL     |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                                                                                                                                                     |                          |           | 50,000                       |                    | 50,000    |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                                                                                                                                                     |                          |           |                              |                    | -         |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                          |           |                              |                    | -         |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                                                                                                     |                          |           |                              |                    | -         |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                                                                                                                                                     |                          |           |                              |                    | -         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                                                                                                                                                     |                          |           |                              |                    | -         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                                                                                                                                                     |                          |           |                              |                    | -         |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                  | -                                                                                                                                                   | -                        | -         | 50,000                       | -                  | 50,000    |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                         |                    |                                                                                                                                                     |                          |           |                              |                    |           |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                     |                          |           |                              |                    |           |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2018               | 2019                                                                                                                                                | 2020                     | 2021      | 2022                         | TOTAL              |           |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                                                                                                                                                     |                          |           |                              |                    |           |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           | DIVISION: PARKS & RECREATION                                                                                                                        |                 |
| PROJECT NO:<br><b>K1502</b>                                                                                                                                                                                                                                                                                                                                                                                                                               | PROJECT TITLE:<br><b>FITNESS STATIONS</b> | PROJECT LOCATION:<br>ALONG TRAILS: HALL, POMEROY & OTHER LOCATIONS                                                                                  |                 |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                                                                                                                                     |                 |
| PRIORITY: 4 - Medium                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           | This project is a NEED and not a WANT, but no significant risk in the deferral of this item                                                         |                 |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                        |                                           | Healthy & Active Community                                                                                                                          |                 |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The department has received requests to install fitness stations along trails. This program started in 2015 with four (4) stations placed along the Hall Trail. This first phase was funded by revenues from the Mayor's Masquerade Run. This funding will be used to install added fitness amenities along the Hall and Pomeroy Trails and other locations throughout the park system.</p> |                                           |                                                                                                                                                     |                 |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           | PROJECT COST BY CATEGORY                                                                                                                            |                 |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2015                                      | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2018                                      | Labor                                                                                                                                               |                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                               | 12                                        | Materials                                                                                                                                           |                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20,000                                    | Other Contracts                                                                                                                                     | 3063006.9622    |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Total Project Cost                                                                                                                                  | \$ 20,000       |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                         | 20,000                                    | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                 |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0%                                        |                                                                                                                                                     |                 |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                                                                                                                                     |                 |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                | PRIOR <sup>2</sup>                        | 2018                                                                                                                                                | 2019            |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                                                                                                                                     |                 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                                                                                                                                     |                 |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                                                                                                                                     |                 |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                                                                                                                                     |                 |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           | 20,000                                                                                                                                              |                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                     |                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                                                                                                                                     |                 |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | 20,000                                                                                                                                              | -               |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                     |                                           |                                                                                                                                                     |                 |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                                                                                                                                     |                 |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2018                                      | 2019                                                                                                                                                | 2020            |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                           | 200                                       | 200                                                                                                                                                 | 200             |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |                                                                                                                                                     |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               | DIVISION: PARKS & RECREATION                                                                                                                        |                                     |
| PROJECT NO:<br><b>K1301</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        | PROJECT TITLE:<br><b>HARD SURFACE FACILITIES IMPROVEMENTS</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |                                                                                                                                                     |                                     |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               | Critical need to remediate failing service, prevent failure, or generate savings                                                                    |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               | Healthy & Active Community                                                                                                                          |                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The city's inventory of hard surface facilities, such as multi-purpose courts, street hockey courts, tennis courts, parking lots, hard surface trails, basketball courts, etc. are evaluated each year and scheduled for periodic replacement, upgrades and/or resurfacing. 2018 scheduled project will include Kershaw Park asphalt overlay, purchase of new posts and re-lining of court area.</p> |                                                               |                                                                                                                                                     |                                     |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                               | PROJECT COST BY CATEGORY                                                                                                                            |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ongoing                                                       | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                               | Ongoing                                                       | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20                                                            | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,135,000                                                     | Other Contracts                                                                                                                                     | 3063006.9620                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                               | Total Project Cost                                                                                                                                  | \$ 1,135,000                        |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1,135,000                                                     | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                               |                                                                                                                                                     |                                     |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                               |                                                                                                                                                     |                                     |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                         | PRIOR <sup>2</sup>                                            | 2018                                                                                                                                                | 2019                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                               |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                               |                                                                                                                                                     |                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                               | 50,000                                                                                                                                              | 145,000                             |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                               |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>-</b>                                                      | <b>50,000</b>                                                                                                                                       | <b>145,000</b>                      |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                              |                                                               |                                                                                                                                                     |                                     |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |                                                                                                                                                     |                                     |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2018                                                          | 2019                                                                                                                                                | 2020                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                               |                                                                                                                                                     |                                     |

## Parks and Recreation

### Details for Capital Project No. K1301 - Hard Surface Facility Improvements

Revised: October 4, 2017

#### 2018

- Kershaw Park: Asphalt overlay, new posts and re-line \$50,000  
**\$50,000**

#### 2019

- Kells Parking Lot: Asphalt overlay \$45,000
- Lewis Parking Lot: Asphalt overlay \$20,000
- Fairfield Multi-Purpose Court \$20,000
- Fairfield Crest and Lewis Tennis Courts: Crack repair with membrane system. \$55,000
- Wilson Center Basketball Court: Sealed with latex sealer and re-stripped \$5,000  
**\$145,000**

#### 2020

- Dickey Parking Lot: Asphalt overlay \$120,000
- Lumbrook Park Multi-Purpose Court & Parking Lot: Asphalt overlay \$50,000
- White Chapel Basketball Court: Asphalt overlay \$12,000
- Handloff Parking Lots and Multi-Purpose Court: Asphalt Overlay \$180,000
- Fairfield Parking Lot: Asphalt overlay \$60,000  
**\$422,000**

#### 2021

- Folk Trail: Asphalt overlay \$70,000
- Fairfield and Fairfield Crest Tennis Courts: Slip sheet of crushed stone asphalt overlay, net, net parts and fencing. \$150,000
- Fairfield Parking lot: Asphalt overlay \$60,000  
**\$280,000**

#### 2022

- James F. Hall Trail: Asphalt overlay \$150,000
- Dickey Park Multi-Purpose court \$40,000
- Karpinski Park Trail: Asphalt overlay \$48,000  
**\$238,000**

## CITY OF NEWARK, DELAWARE

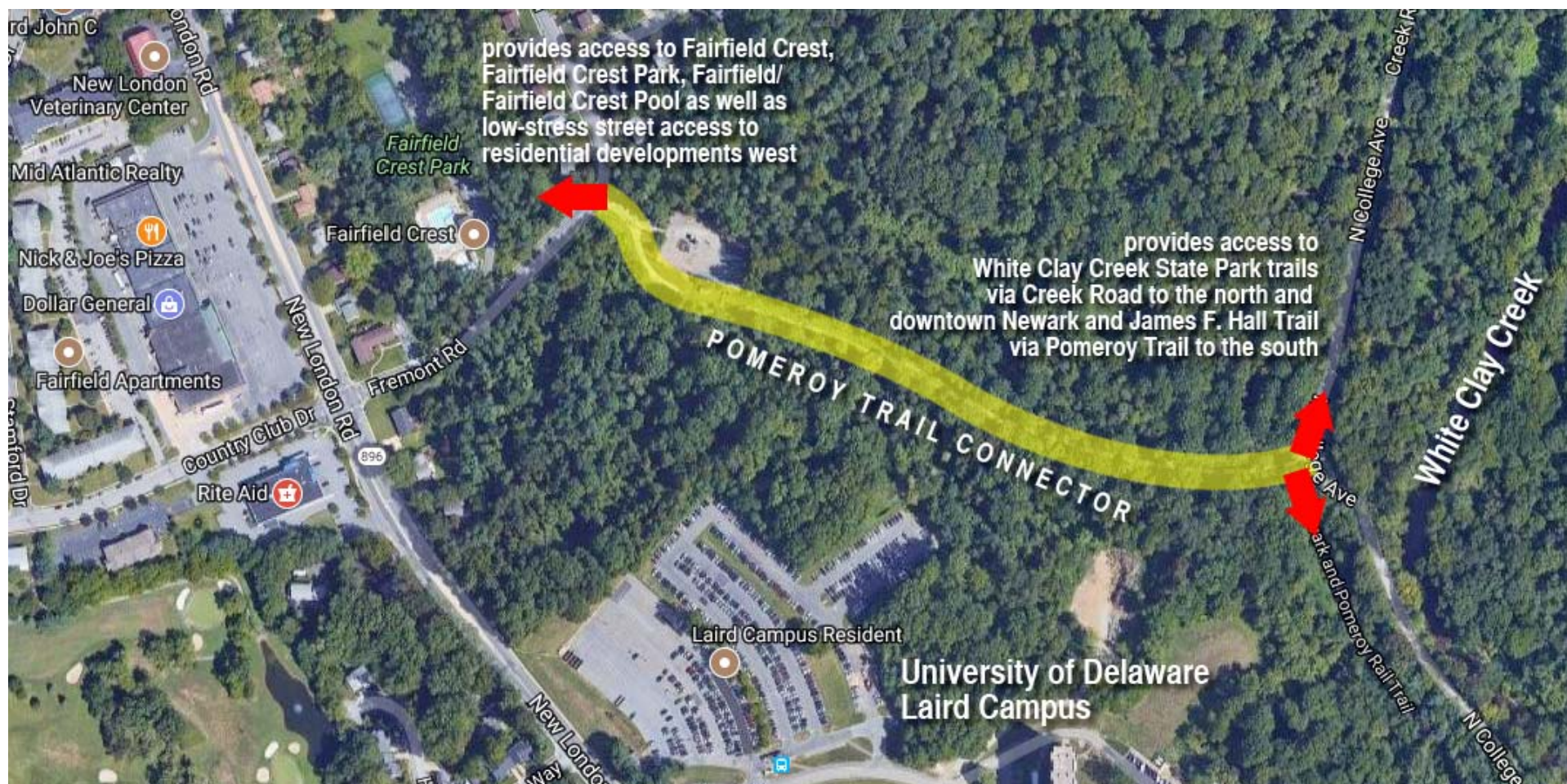
### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         | DIVISION: PARKS & RECREATION                                                                                                                        |                              |
| PROJECT NO:<br><b>K1303</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br>FACILITIES ACCESSIBILITY (ADA COMPLIANCE)             |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         | New Project                                                                                                                                         |                              |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The City would be taking a calculated risk in the deferral of this item |                                                                                                                                                     |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         | Healthy & Active Community                                                                                                                          |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>ADA compliant access to park facilities. Following Federal guidelines, we are involved in a program to create access to at least 20% of our facilities to include:</p> <ul style="list-style-type: none"> <li>- Playing Court Sites</li> <li>- Playground Equipment</li> <li>- Picnic Shelters</li> <li>- Hard Surface Trails</li> </ul> <p>2018 improvements will include Kells Park, Handloff Park, Folk Park, and other various locations throughout the park system.</p> <p>**Please note, \$30,000.00 of the total funding will be needed in years 2023 and 2024.</p> |                                                                         |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2014                                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2024                                                                    | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20                                                                      | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 130,000                                                                 | Other Contracts                                                                                                                                     | 3063006.9622                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                       | Total Project Cost \$ 130,000                                                                                                                       |                              |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 130,000                                                                 | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0%                                                                      |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIOR <sup>2</sup>                                                      | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                                                                                                     | 20,000                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                         |                                                                                                                                                     |                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                         | 20,000                                                                                                                                              |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                       | 20,000                                                                                                                                              | 20,000                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                    |                                                                         |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2018                                                                    | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                     |                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             | DIVISION: PARKS & RECREATION                                                                                                                        |                                                           |
| PROJECT NO:<br><b>K1305</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br><b>POMEROY TRAIL CONNECTOR</b>                                            |                                                                                                                                                     | PROJECT LOCATION:<br><b>FAIRFIELD CREST TO CREEK ROAD</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             | <b>New Project</b>                                                                                                                                  |                                                           |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                           |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             | <b>Healthy &amp; Active Community</b>                                                                                                               |                                                           |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Surface improvements to the maintenance road/trail leading from Fremont Road (Fairfield Crest) to Creek Road and nearby access to the Pomeroy Trail. The maintenance Road is located within a utility easement the City has with the University of Delaware. The City will commit to making the improvements and long term maintenance to the road/trail. This project is an important connection to trails East and West. Will attempt to secure Recreation Trails Grant Funding, other grant sources and bond bill funding for this project. Work will include asphalt paving, engineering and storm water management as well as improved lighting.</p> |                                                                                             |                                                                                                                                                     |                                                           |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                           |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2014                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2019                                                                                        | Labor                                                                                                                                               |                                                           |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                                                                          | Materials                                                                                                                                           |                                                           |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120,000                                                                                     | Other Contracts                                                                                                                                     | 3063006.9622                                              |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                           | Total Project Cost                                                                                                                                  | \$ 120,000                                                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120,000                                                                                     | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                           |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0%                                                                                          |                                                                                                                                                     |                                                           |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                                           |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                               |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     | 60,000                                                    |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                                                                                                                                     |                                                           |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                                           |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             |                                                                                                                                                     |                                                           |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                                                                                                                                     | 60,000                                                    |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                     |                                                           |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                     |                                                           |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>120,000</b>                                            |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                                           |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                           |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                               |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                     |                                                           |



## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |                                                                                                                                                     |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             | DIVISION: PARKS & RECREATION                                                                                                                        |                 |
| PROJECT NO:<br><b>K1202</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PROJECT TITLE:<br><b>KERSHAW PARK IMPROVEMENTS</b>                                          | PROJECT LOCATION:<br><b>KERSHAW PARK</b>                                                                                                            |                 |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             | <b>New Project</b>                                                                                                                                  |                 |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                 |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             | <b>Healthy &amp; Active Community</b>                                                                                                               |                 |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The project is included in the 2011 Master Plan which was created for this site as well as the Curtis Mill Park and Old Paper Mill Road Park. The Curtis Mill Park project was completed in 2015. The project includes parking lot improvements and creating a Pomeroy Trail connection from Paper Mill Road on the South side of the White Clay Creek Bridge. Project Scope: Design and engineering, survey, permitting and construction management and landscaping. Parking lot improvements and creating a Pomeroy Trail connection from Paper Mill Road just across the South side of the White Clay Creek Bridge.</p> <p>Funding for this project has been moved to 2021.</p> |                                                                                             |                                                                                                                                                     |                 |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                 |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2012                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2021                                                                                        | Labor                                                                                                                                               |                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50                                                                                          | Materials                                                                                                                                           |                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 200,000                                                                                     | Other Contracts                                                                                                                                     | 3063006.9622    |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                           | Total Project Cost                                                                                                                                  | \$ 200,000      |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 200,000                                                                                     | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                 |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0%                                                                                          |                                                                                                                                                     |                 |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                 |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>     |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                 |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                 |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                 |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |                                                                                                                                                     |                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |                                                                                                                                                     |                 |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>-</b>        |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                 |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |                                                                                                                                                     |                 |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>     |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |                                                                                                                                                     | 2,000           |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             | DIVISION: PARKS & RECREATION                                                                                                                        |                                                 |
| PROJECT NO:<br><b>K1203</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PROJECT TITLE:<br><b>OLD PAPER MILL PARK IMPROVEMENTS</b>                                   |                                                                                                                                                     | PROJECT LOCATION:<br><b>OLD PAPER MILL ROAD</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | <b>New Project</b>                                                                                                                                  |                                                 |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                 |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             | Healthy & Active Community                                                                                                                          |                                                 |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>A master plan for this project was completed in 2011, an updated plan will need to be developed.</p> <p>New park construction:</p> <p>-Project Scope:</p> <p>Installation of a new parking lot in 2019 to assist with overflow parking at the reservoir due to the construction of Preston's Playground and events at the reservoir. 2019 will also include updating the master plan for Old Paper Mill Park. Outlying years would include engineering, surveying, permitting, construction contract preparation, construction management and park construction. Will attempt to secure grant funding.</p> <p>Moved 2019 and 2020 years to 2021 and 2022 per Council approval of Emerson Bridge, and reduced the total project costs by \$600,000.</p> |                                                                                             |                                                                                                                                                     |                                                 |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                 |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2019                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                 |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2022                                                                                        | Labor                                                                                                                                               |                                                 |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 50                                                                                          | Materials                                                                                                                                           |                                                 |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1,300,000                                                                                   | Other Contracts                                                                                                                                     | 3063006.9620                                    |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                                           | Total Project Cost                                                                                                                                  | \$ 1,300,000                                    |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,300,000                                                                                   | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                 |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0%                                                                                          |                                                                                                                                                     |                                                 |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                                 |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                     |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | -                                                                                                                                                   | 100,000                                         |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                 |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                                 |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |                                                                                                                                                     |                                                 |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                 |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                 |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>100,000</b>                                  |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                                 |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |                                                                                                                                                     |                                                 |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                     |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     | 18,000                                          |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                  |                                                                                                                                                     |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                        |                                                                                  | DIVISION: PARKS & RECREATION                                                                                                                        |                                     |
| PROJECT NO:<br><b>K0908</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>CHILDREN'S PLAY EQUIPMENT</b>                               |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                  | <b>New Project</b>                                                                                                                                  |                                     |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                     | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                  | Healthy & Active Community                                                                                                                          |                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Replace old and install new childrens play equipment to comply with current Playground Safety standards. 2018 replacement funds are for Dickey Park. White Chapel Park and various pieces and repairs throughout the park system.</p>                                                                                   |                                                                                  |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                  | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2009                                                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                                                          | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 12                                                                               | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 160,000                                                                          | Other Contracts                                                                                                                                     | 3063006.9620                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | -                                                                                | Total Project Cost                                                                                                                                  | \$ 160,000                          |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 160,000                                                                          | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              | 0%                                                                               |                                                                                                                                                     |                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                                         | <b>2018</b>                                                                                                                                         | <b>2019</b>                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                  |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  |                                                                                                                                                     |                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  | 16,450                                                                                                                                              | 60,000                              |
| GRANTS (Specify) CDBG                                                                                                                                                                                                                                                                                                                                                                 |                                                                                  | 3,550                                                                                                                                               |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                  |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                  |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                                         | <b>20,000</b>                                                                                                                                       | <b>60,000</b>                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                  |                                                                                                                                                     |                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                                                  |                                                                                                                                                     |                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                                      | <b>2019</b>                                                                                                                                         | <b>2020</b>                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                  |                                                                                                                                                     |                                     |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: PARKS & RECREATION                                                                                                                                                                                                                                                                                                                                                        |                                                 | DIVISION: PARKS & RECREATION                                                                                                                        |                              |
| PROJECT NO:<br>KEQSF                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>EQUIPMENT REPLACEMENT PROGRAM |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                 |                                                                                                                                                     |                              |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                  |                                                 | Project underway and must be completed                                                                                                              |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                 | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                                 |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                                 | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                         | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                         | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 10                                              | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 450,000                                         | Other Contracts                                                                                                                                     | 3063026.9623                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | -                                               | Total Project Cost                                                                                                                                  | \$ 450,000                   |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 450,000                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              | 0%                                              |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                              | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                                                                                                                                     |                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                 | 62,000                                                                                                                                              | 245,000                      |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                              |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                 | -                                               | 62,000                                                                                                                                              | 245,000                      |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                 |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                                 |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                            | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                              |

**CITY OF NEWARK, DELAWARE  
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022  
PARKS AND RECREATION DEPARTMENT**

| VEH<br>NUMB                                  | DESCRIPTION                      | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |                  |                 |                 |                 |
|----------------------------------------------|----------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|------------------|-----------------|-----------------|-----------------|
|                                              |                                  |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019             | 2020            | 2021            | 2022            |
|                                              | STAFF CARS & TRUCKS              |                  |                   |                              |                           |                         |                        |                        |                   |                  |                 |                 |                 |
| 1427                                         | 2012 Toyota Camry Hybrid         | 03/19/12         | 24,718            | 14,867                       | 70,000                    | 10                      | 2022                   | 2022                   |                   |                  |                 |                 | 30,000          |
| 1431                                         | 2006 Ford F-250 Pickup Truck     | 09/02/06         | 22,232            | 56,185                       | 50,000                    | 10                      | 2016                   | 2018                   | 30,000            |                  |                 |                 |                 |
| 1437                                         | 2016 Dodge Grand Caravan         | 10/30/15         | 23,223            | 5,723                        | 70,000                    | 10                      | 2025                   | 2025                   |                   |                  |                 |                 |                 |
|                                              | HORTICULTURE                     |                  |                   |                              |                           |                         |                        |                        |                   |                  |                 |                 |                 |
| 1401                                         | 2009 Ford Ranger                 | 04/03/09         | 13,482            | 55,370                       | 85,000                    | 10                      | 2019                   | 2019                   |                   | 30,000           |                 |                 |                 |
| 1426                                         | 2012 Ford F350 Crew Cab          | 07/13/12         | 30,639            | 29,309                       | 110,000                   | 10                      | 2022                   | 2023                   |                   |                  |                 |                 |                 |
| 1435                                         | 2006 Ford F250 3/4 Ton Pickup    | 05/05/06         | 18,467            | 65,002                       | 55,000                    | 10                      | 2016                   | 2018                   | 32,000            |                  |                 |                 |                 |
| 1440                                         | 2016 Ford F250 Pickup Truck 4X4  | 07/27/16         | 24,967            | 6,471                        | 85,000                    | 10                      | 2026                   | 2026                   |                   |                  |                 |                 |                 |
|                                              | PARK MAINTENANCE                 |                  |                   |                              |                           |                         |                        |                        |                   |                  |                 |                 |                 |
| 1430                                         | 2009 F350 1 Ton Pick-up          | 05/01/09         | 24,950            | 35,666                       | 48,000                    | 10                      | 2019                   | 2019                   |                   | 35,000           |                 |                 |                 |
| 1433                                         | 2016 Ford F-450 4X4 Swaploader   | 03/24/16         | 69,709            | 2,005                        | 70,000                    | 10                      | 2026                   | 2026                   |                   |                  |                 |                 |                 |
| 1434                                         | 2017 Ford F350 4x4 Pickup Truck  | 07/18/17         | 29,209            | 80,699                       | 85,000                    | 10                      | 2027                   | 2027                   |                   |                  |                 |                 |                 |
| 1436                                         | 2014 Ford F-350 4X4 Pickup       | 11/14/13         | 28,819            | 22,345                       | 85,000                    | 10                      | 2023                   | 2023                   |                   |                  |                 |                 |                 |
| 1439                                         | 2016 Ford F-350 4X4 Pickup       | 11/05/15         | 25,721            | 9,536                        | --                        | 10                      | 2026                   | 2026                   |                   |                  |                 |                 |                 |
|                                              | OTHER                            |                  |                   |                              |                           |                         |                        |                        |                   |                  |                 |                 |                 |
| 1414                                         | 2004 Jacobsen 16" Cut Mower      | 01/01/04         | 58,795            | --                           | --                        | 10                      | 2014                   | 2019                   |                   | 90,000           |                 |                 |                 |
| 1415                                         | 2013 Jacobsen 16" Cut Mower      | 05/24/13         | 79,575            | --                           | --                        | 10                      | 2023                   | 2023                   |                   |                  |                 |                 |                 |
| 1421                                         | 2009 Kubota F3080 4WD Mower      | 06/05/09         | 17,971            | --                           | --                        | 10                      | 2019                   | 2020                   |                   |                  | 25,000          |                 |                 |
| 1423                                         | 2011 Kubota F3080 Mower          | 12/29/11         | 27,331            | --                           | --                        | 10                      | 2021                   | 2021                   |                   |                  |                 | 28,000          |                 |
| 1424                                         | 2014 Walker Riding Mower 26 HP   | 05/28/14         | 24,947            | --                           | --                        | 10                      | 2024                   | 2024                   |                   |                  |                 |                 |                 |
| 1461                                         | 2001 John Deere Landscape Loader | 02/09/01         | 62,000            | --                           | --                        | 10                      | 2011                   | 2019                   |                   | 90,000           |                 |                 |                 |
| 1463                                         | 2012 Vanguard 31HP Tractor       | 06/29/12         | 55,661            | --                           | --                        | 20                      | 2022                   | 2022                   |                   |                  |                 |                 | 60,000          |
| <b>TOTAL PARKS AND RECREATION DEPARTMENT</b> |                                  |                  |                   |                              |                           |                         |                        |                        | <b>\$62,000</b>   | <b>\$245,000</b> | <b>\$25,000</b> | <b>\$28,000</b> | <b>\$90,000</b> |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**PARKING FUND**

| <u>PROJECT #/PROJECT NAME/JUSTIFICATION CODE</u> | <u>2017<br/>BUDGET</u> | <u> -----2018----- </u>                 |                            | <u>FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM<br/>RECOMMENDED FUNDING</u> |                 |                 |                  |             |                  |
|--------------------------------------------------|------------------------|-----------------------------------------|----------------------------|-----------------------------------------------------------------------|-----------------|-----------------|------------------|-------------|------------------|
|                                                  |                        | <u>RESERVES &amp;<br/>OTHER FUNDING</u> | <u>CURRENT<br/>FUNDING</u> | <u>2018</u>                                                           | <u>2019</u>     | <u>2020</u>     | <u>2021</u>      | <u>2022</u> | <u>TOTAL</u>     |
| V1801 Parking Lot Surface Maintenance B          | \$0                    | \$127,740                               | \$0                        | \$127,740                                                             | \$0             | \$0             | \$105,000        | \$0         | \$232,740        |
| V1701 LPR's for Parking Ambassador Vehicles A    | 47,850                 | 0                                       | 0                          | 0                                                                     | 0               | 0               | 0                | 0           | 0                |
| V1702 Additional Parking Meters A                | 54,240                 | 68,250                                  | 0                          | 68,250                                                                | 0               | 0               | 0                | 0           | 68,250           |
| V1703 Lot Full Signs D                           | 52,500                 | 52,500                                  | 0                          | 52,500                                                                | 0               | 0               | 0                | 0           | 52,500           |
| V1601 Parking Lot Surveillance Cameras B         | 130,000                | 0                                       | 0                          | 0                                                                     | 0               | 0               | 0                | 0           | 0                |
| VEQSF Vehicle Replacement Program D              | 25,000                 | 0                                       | 0                          | 0                                                                     | 21,000          | 28,000          | 0                | 0           | 49,000           |
| Total Parking Fund                               | <u>\$309,590</u>       | <u>\$248,490</u>                        | <u>\$0</u>                 | <u>\$248,490</u>                                                      | <u>\$21,000</u> | <u>\$28,000</u> | <u>\$105,000</u> | <u>\$0</u>  | <u>\$402,490</u> |
| GROSS CAPITAL IMPROVEMENTS                       | \$309,590              | \$248,490                               | \$0                        | \$248,490                                                             | \$21,000        | \$28,000        | \$105,000        | \$0         | \$402,490        |
| LESS: USE OF RESERVES                            | (284,590)              | (120,750)                               | 0                          | (120,750)                                                             | 0               | 0               | 0                | 0           | (120,750)        |
| VEHICLE/EQUIPMENT REPLACEMENT                    | (25,000)               | 0                                       | 0                          | 0                                                                     | (21,000)        | (28,000)        | 0                | 0           | (49,000)         |
| GRANTS                                           | 0                      | 0                                       | 0                          | 0                                                                     | 0               | 0               | 0                | 0           | 0                |
| BOND ISSUES                                      | 0                      | (127,740)                               | 0                          | (127,740)                                                             | 0               | 0               | 0                | 0           | (127,740)        |
| OTHER FINANCING SOURCES                          | 0                      | 0                                       | 0                          | 0                                                                     | 0               | 0               | 0                | 0           | 0                |
| NET CAPITAL IMPROVEMENTS                         | <u>\$0</u>             | <u>\$0</u>                              | <u>\$0</u>                 | <u>\$0</u>                                                            | <u>\$0</u>      | <u>\$0</u>      | <u>\$105,000</u> | <u>\$0</u>  | <u>\$105,000</u> |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                                                                                                                                                     |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          | DIVISION: <b>PARKING</b>                                                                                                                            |                                            |
| PROJECT NO:<br><b>V1801</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PROJECT TITLE:<br><b>PARKING LOT SURFACE MAINTENANCE</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>MUNICIPAL LOTS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN): <b>In Progress</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                                                                                                                                     |                                            |
| PRIORITY: <b>2 - High Priority Level</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          | Critical need to remediate failing service, prevent failure, or generate savings                                                                    |                                            |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          | Sustainable Community                                                                                                                               |                                            |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Originally, based on cost and useful life estimates provided by PWWR, a program was established for municipal parking lot surface maintenance for each facility on an estimated ten year cycle, subject to inspection and recommendation by PWWR. This is an on-going effort, and is needed to remediate failing parking lot surfaces. This has been reclassified to V1801, but used to be under V1001 previously.</p> <p>Lot #1: This lot is scheduled to be repaved in 2021, as it was last done in 2011. \$105,000 is provided in under 2021 was was also on "V1001 - Parking Lot Surface Maintenance" in 2017.</p> <p>Lot #2: This lot was surface was redone when 58 East Main Street was completed and multiple properties that were leased over to the City of Newark were combined with the original Lot 2 footprint. This lot does not need maintenance at this time due to recent contrustruction.</p> <p>Lot #3 and #4: These lots should be partially repaved in 2018 (drive aisles, entrance/exits, and specific lot sections), not including the new Center Street Lot #3 entrance and exit and immediate surrounding areas. Due to numerous private projects and other variables, the division has decided against trenching in the lots at this time. In Lot #4, the area of the lot that was redone during Kate's Place construction also does not need to be redone, reducing total cost further. Cost to repave drive lanes and entrance exits in both lots would cost \$127,740 in 2018.</p> <p>Lot #5: As this lot was completed in 2013, this lot is scheduled to be repaved in 2023.</p> <p>Lot #6: This lot was constructed in 2015, so this lot is scheduled to be repaved in 2025.</p> <p>Total 2018 Project Cost: \$127,740 for Lots 3 &amp; 4 drive lanes, entrance/exits, and select spots.</p> |                                                          |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                            |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2010                                                     | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                            |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ONGOING                                                  | Labor                                                                                                                                               |                                            |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10                                                       | Materials                                                                                                                                           |                                            |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 232,740                                                  | Other Contracts                                                                                                                                     | 5495406.9620                               |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                        | Total Project Cost                                                                                                                                  | \$ 232,740                                 |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 232,740                                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                            |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0%                                                       |                                                                                                                                                     |                                            |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>PRIOR<sup>2</sup></b>                                 | <b>2018</b>                                                                                                                                         | <b>2019</b>                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                          |                                                                                                                                                     |                                            |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                                                                                     |                                            |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |                                                                                                                                                     |                                            |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          | 127,740                                                                                                                                             |                                            |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                                                                                                                                                     |                                            |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>-</b>                                                 | <b>127,740</b>                                                                                                                                      | <b>-</b>                                   |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |                                                                                                                                                     |                                            |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                                                                                                                                     |                                            |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>2018</b>                                              | <b>2019</b>                                                                                                                                         | <b>2020</b>                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                                                                                                                                                     |                                            |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                     | DIVISION: <b>PARKING</b>                                                                                                                            |                                      |
| PROJECT NO:<br><b>V1702</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br><b>ADDITIONAL PARKING SENSORS</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>CITYWIDE</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     | <b>In Prior Program</b>                                                                                                                             |                                      |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Project underway and must be completed              |                                                                                                                                                     |                                      |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                     | <b>Inclusive Community</b>                                                                                                                          |                                      |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>Originally titled 'V1702 - Parking Meters and Sensors', the Parking Division has revised this project, aiming to pair all current meters to sensors. The division has researched additional parking sensor location opportunities and indicates that there are locations where approximately 200 sensors can be installed throughout the City. For the 457 meters currently in the system, only 268 of them have sensors. By adding sensors to all on-street parking meters that currently do not have sensors, the division will be able to report occupancy information to Mayor and Council on a city-wide basis. IPS Smart Meters has also developed a new pole-mounted sensor, that does not need to be drilled into the ground, which the division believes will eliminate paving/plowing issues that could affect in-ground sensors. Estimated cost per new sensor is approximately \$300 per sensor. Therefore, the new sensor request is for \$60,000 to complete all City meters. Return-on-invest for these sensors are one year.</p> <p>Current in-ground sensors on Main Street would be moved to peripheral areas of the City, while the the new pole-mounted sensors would be put throughout the Central Business District. The division recommends putting the newest equipment in the busiest section of town. It is also recommended that the pole-mounted sensors be placed on Main Street, as DELDOT has discussed a repaving project through Main Street, which would require a uninstall/reinstall of in-ground sensors. Cost to do this, at any time, will now cost the Division approximately \$55 per sensor, and with 150 sensors, total cost for reinstallation would be \$8,250.</p> <p>The Parking Division is requesting \$14,010, in addition to the prior 2017 amount of \$54,240, to pair all on-street meters with sensors. New project costs = \$68,250. Please note, \$14,010 is to be transferred from CIP Project V1701.</p> |                                                     |                                                                                                                                                     |                                      |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                     | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                      |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2017</b>                                         | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>               |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>2018</b>                                         | Labor                                                                                                                                               |                                      |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>10</b>                                           | Materials                                                                                                                                           |                                      |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>68,250</b>                                       | Other Contracts                                                                                                                                     | <b>5495406.9622</b>                  |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>-</b>                                            | Total Project Cost                                                                                                                                  | <b>\$ 68,250</b>                     |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>68,250</b>                                       | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                      |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>0%</b>                                           |                                                                                                                                                     |                                      |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                     |                                                                                                                                                     |                                      |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>PRIOR<sup>2</sup></b>                            | <b>2018</b>                                                                                                                                         | <b>2019</b>                          |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 54,240                                              |                                                                                                                                                     |                                      |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     | 14,010                                                                                                                                              |                                      |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                     |                                                                                                                                                     |                                      |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                     |                                                                                                                                                     |                                      |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |                                                                                                                                                     |                                      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |                                                                                                                                                     |                                      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |                                                                                                                                                     |                                      |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>54,240</b>                                       | <b>14,010</b>                                                                                                                                       | <b>-</b>                             |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                     |                                                                                                                                                     |                                      |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |                                                                                                                                                     |                                      |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>2018</b>                                         | <b>2019</b>                                                                                                                                         | <b>2020</b>                          |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |                                                                                                                                                     |                                      |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                                                                                                                                     |                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                               | DIVISION: <b>PARKING</b>                                                                                                                            |                                                    |
| PROJECT NO:<br><b>V1703</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br><b>LOT COUNTDOWN SIGNS</b>  |                                                                                                                                                     | PROJECT LOCATION:<br><b>HOURLY OFF-STREET LOTS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               | <b>In Progress</b>                                                                                                                                  |                                                    |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Project underway and must be completed</b> |                                                                                                                                                     |                                                    |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               | <b>Sustainable Community</b>                                                                                                                        |                                                    |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Lot countdown signs are possible in Lots 1, 3, and 4, and for the efficiency and customer convenience would be beneficial to install. There are seven entrances where lot full signs will be useful – two entrances to Lot 1, three entrances to Lot 3, and two entrances to Lot 4. These signs will count the number of available spaces in the lot and allow the patron to make an educated decision in which parking lot they enter to find parking. The Parking Division, with advice from City Council, sees the benefit in investing in countdown signage, as providing signage will allow the customer to recognize that the system is keeping an accurate count of available spaces in parking lots. In addition, providing signage could make it possible to provide the amount of available spaces to patrons via mobile app, and allow the division to report off-street parking occupancy reports to Mayor and Council via software designed to keep track and display occupancy figures in each lot. Upon recommendation to install countdown signage at all municipal lot entrances, the division requests \$6,500 for each countdown sign, being seven total, with an addition \$1,000 for each entrance for trenching and connections associated with installation, for a total price of \$52,500. Amount originally approved for 2017, with the continued goal to be completed by end of 2017. \$500 per year for subscriptions are first two years.</p> |                                               |                                                                                                                                                     |                                                    |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                               | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                    |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2017</b>                                   | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                             |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>2018</b>                                   | Labor                                                                                                                                               |                                                    |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>10</b>                                     | Materials                                                                                                                                           |                                                    |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>52,500</b>                                 | Other Contracts                                                                                                                                     | <b>5495406.9622</b>                                |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>-</b>                                      | Total Project Cost                                                                                                                                  | <b>\$ 52,500</b>                                   |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>52,500</b>                                 | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                    |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>0%</b>                                     |                                                                                                                                                     |                                                    |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                                                                                                                                                     |                                                    |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>PRIOR<sup>2</sup></b>                      | <b>2018</b>                                                                                                                                         | <b>2019</b>                                        |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                                                                                                                                     |                                                    |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>52,500</b>                                 |                                                                                                                                                     |                                                    |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                                                                                                                                                     |                                                    |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |                                                                                                                                                     |                                                    |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                               |                                                                                                                                                     |                                                    |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                                                                                                                                     |                                                    |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                                                                                                                                     |                                                    |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>52,500</b>                                 | <b>-</b>                                                                                                                                            | <b>-</b>                                           |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                                                                                                                                                     |                                                    |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                                                                                                                                                     |                                                    |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>2018</b>                                   | <b>2019</b>                                                                                                                                         | <b>2020</b>                                        |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                                                                                                                                     | <b>500</b>                                         |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                |                                                                                                                                                     |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                         |                                                | DIVISION: <b>PARKING</b>                                                                                                                            |                                     |
| PROJECT NO:<br><b>VEQSF</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>EQUIPMENT REPLACEMENT</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                |                                                                                                                                                     |                                     |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                           |                                                | Project underway and must be completed                                                                                                              |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                | Sustainable Community                                                                                                                               |                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                                |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                        | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 10                                             | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 49,000                                         | Other Contracts                                                                                                                                     | 5495406.9623                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         | -                                              | Total Project Cost                                                                                                                                  | \$ 49,000                           |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 49,000                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              | 0%                                             |                                                                                                                                                     |                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                       | <b>2018</b>                                                                                                                                         | <b>2019</b>                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                |                                                                                                                                                     | 21,000                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                |                                                                                                                                                     |                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                       | <b>-</b>                                                                                                                                            | <b>21,000</b>                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                |                                                                                                                                                     |                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                |                                                                                                                                                     |                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                    | <b>2019</b>                                                                                                                                         | <b>2020</b>                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                |                                                                                                                                                     |                                     |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**PLANNING DEPARTMENT, PARKING DIVISION**

| VEH<br>NUMB                   | DESCRIPTION                       | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS |                 |                 |            |            |
|-------------------------------|-----------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|-------------------|-----------------|-----------------|------------|------------|
|                               |                                   |                  |                   |                              |                           |                         |                        |                        | 2018              | 2019            | 2020            | 2021       | 2022       |
| 1100                          | 2017 Ford T-150 Transit Cargo Van | 09/14/16         | 26,687            | 2,649                        | 55,000                    | 10                      | 2026                   | 2026                   |                   |                 |                 |            |            |
| 1101                          | 2015 Ford T-150 Transit Cargo Van | 12/31/14         | 24,457            | 5,735                        | 80,000                    | 10                      | 2024                   | 2024                   |                   |                 |                 |            |            |
| 1102                          | 2000 Ford Crown Victoria          | 08/11/00         | 19,851            | 43,821                       | 65,000                    | 12                      | 2012                   | 2019                   |                   | 21,000          |                 |            |            |
| 1103                          | 2011 Ford Ranger                  | 03/09/12         | 21,178            | 71,983                       | 80,000                    | 8                       | 2020                   | 2020                   |                   |                 | 28,000          |            |            |
| 1104                          | 2017 Ford Transit Connect         | 03/02/17         | 22,768            | 19,449                       | 90,000                    | 10                      | 2027                   | 2027                   |                   |                 |                 |            |            |
| <b>TOTAL PARKING DIVISION</b> |                                   |                  |                   |                              |                           |                         |                        |                        | <b>\$0</b>        | <b>\$21,000</b> | <b>\$28,000</b> | <b>\$0</b> | <b>\$0</b> |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**ADMINISTRATIVE DEPARTMENT - INFORMATION TECHNOLOGY DIVISION**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE                       | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM<br>R E C O M M E N D E D F U N D I N G |           |           |          |      |           |
|-----------------------------------------------------------------|----------------|-----------------------------|--------------------|-------------------------------------------------------------------------------|-----------|-----------|----------|------|-----------|
|                                                                 |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | 2018                                                                          | 2019      | 2020      | 2021     | 2022 | TOTAL     |
| I1801 Citywide Fiber Phase II B                                 | \$0            | \$0                         | \$0                | \$0                                                                           | \$140,000 | \$0       | \$0      | \$0  | \$140,000 |
| I1804 Harris Automation Platform D                              | 0              | 0                           | 0                  | 0                                                                             | 0         | 150,000   | 0        | 0    | 150,000   |
| I1806 Police Car Retrofit B                                     | 0              | 0                           | 120,000            | 120,000                                                                       | 0         | 0         | 0        | 0    | 120,000   |
| I1807 Building Security Upgrades (SWF, Water Plant, Reservoir B | 0              | 50,000                      | 0                  | 50,000                                                                        | 0         | 0         | 0        | 0    | 50,000    |
| I1702 Property Management Software D                            | 317,500        | 0                           | 0                  | 0                                                                             | 0         | 0         | 0        | 0    | 0         |
| I1703 Recreation Management Software D                          | 0              | 0                           | 0                  | 0                                                                             | 80,000    | 0         | 0        | 0    | 80,000    |
| I1704 Water Plant and Reservoir Cameras B                       | 80,000         | 0                           | 0                  | 0                                                                             | 0         | 0         | 0        | 0    | 0         |
| I1601 Virtual Environment Host Replacement D                    | 0              | 0                           | 0                  | 0                                                                             | 0         | 75,000    | 0        | 0    | 75,000    |
| I1603 Surveillance Camera Refresh B                             | 65,000         | 32,500                      | 0                  | 32,500                                                                        | 32,500    | 32,500    | 32,500   | 0    | 130,000   |
| I1604 City-Leased Fiber Network B                               | 100,000        | 0                           | 0                  | 0                                                                             | 0         | 0         | 0        | 0    | 0         |
| I1606 Disaster Recovery and Planning B                          | 0              | 0                           | 0                  | 0                                                                             | 0         | 75,000    | 0        | 0    | 75,000    |
| Total Information Technology Division                           | \$562,500      | \$82,500                    | \$120,000          | \$202,500                                                                     | \$252,500 | \$332,500 | \$32,500 | \$0  | \$820,000 |
| GROSS CAPITAL IMPROVEMENTS                                      | \$562,500      | \$82,500                    | \$120,000          | 202,500                                                                       | \$252,500 | \$332,500 | \$32,500 | \$0  | \$820,000 |
| LESS: USE OF RESERVES                                           | (562,500)      | 0                           | 0                  | 0                                                                             | 0         | 0         | 0        | 0    | 0         |
| VEHICLE/EQUIPMENT REPLACEMENT                                   | 0              | 0                           | 0                  | 0                                                                             | 0         | (117,000) | 0        | 0    | (117,000) |
| GRANTS                                                          | 0              | 0                           | 0                  | 0                                                                             | 0         | 0         | 0        | 0    | 0         |
| BOND ISSUES                                                     | 0              | (82,500)                    | 0                  | (82,500)                                                                      | (32,500)  | (32,500)  | (32,500) | 0    | (180,000) |
| OTHER FINANCING SOURCES                                         | 0              | 0                           | 0                  | 0                                                                             | 0         | 0         | 0        | 0    | 0         |
| NET CAPITAL IMPROVEMENTS                                        | \$0            | \$0                         | \$120,000          | \$120,000                                                                     | \$220,000 | \$183,000 | \$0      | \$0  | \$523,000 |

Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                                       |             |             |              |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------|-------------|--------------|----------------|
| DEPARTMENT: ADMINISTRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 | DIVISION: INFORMATION TECHNOLOGY                                                                                                                    |                                       |             |             |              |                |
| PROJECT NO:<br><b>I1801</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PROJECT TITLE:<br><b>FIBER NETWORK PHASE II</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>CITY-WIDE</b> |             |             |              |                |
| PROJECT STATUS (SELECT FROM DROP DOWN): <b>New Project</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |                                                                                                                                                     |                                       |             |             |              |                |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 | This project is a NEED and not a WANT, but no significant risk in the deferral of this item                                                         |                                       |             |             |              |                |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 | Healthy & Active Community                                                                                                                          |                                       |             |             |              |                |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The 2017 Fiber Installation Project was a major success. Our surveillance cameras, SCADA systems, Buildings and other networked connections are now running on the Phase I network that has been installed. This project signals a continuation of the build-out to install Fiber to areas such as South College Avenue near I95, to the South Well Field Water Plant and to the George Wilson Center. While fiber to these areas are recommended for additional Police surveillance needs, there are a multitude of other solutions that are possible with these extensions, including but not limited to SCADA integration, WiFi and parking management. There would be minimal offset cost as currently two of these areas are currently utilizing Comcast services to provide access.</p> <p>Currently scheduled for 2019 (\$140,000) - Extension of existing fiber network to 3 main areas:<br/>         South College Avenue towards I95 interchange In reviewing crime data, Newark PD has investigated (73) robberies since January 2015 to June 2017; (20) robberies have occurred on S. College Ave. The PD has installed a LPR in the vicinity which has proven valuable and the PD submits cameras in the vicinity would compliment investigative and preventive efforts – as there are no City controlled surveillance camera assets along the corridor. Currently, investigators rely on private entities for video evidence which is often limited to the interior of their business or property and provides limited coverage and investigative leads. Sourced: Capt. Michael Van Campen<br/>         South Well Field for SCADA<br/>         New London Road (George Wilson Center) for additional cameras and to connect facility to core network.</p> |                                                 |                                                                                                                                                     |                                       |             |             |              |                |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                       |             |             |              |                |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2018                                            | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                       |             |             |              |                |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2019                                            | Labor                                                                                                                                               |                                       |             |             |              |                |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                              | Materials                                                                                                                                           |                                       |             |             |              |                |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 140,000                                         | Other Contracts                                                                                                                                     | 3063006.9622                          |             |             |              |                |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 | Total Project Cost \$ 140,000                                                                                                                       |                                       |             |             |              |                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 140,000                                         | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                       |             |             |              |                |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0%                                              |                                                                                                                                                     |                                       |             |             |              |                |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |                                                                                                                                                     |                                       |             |             |              |                |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>PRIOR<sup>2</sup></b>                        | <b>2018</b>                                                                                                                                         | <b>2019</b>                           | <b>2020</b> | <b>2021</b> | <b>2022</b>  | <b>TOTAL</b>   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                                                                                     | 140,000                               |             |             |              | 140,000        |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                       |             |             |              | -              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |                                                                                                                                                     |                                       |             |             |              | -              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |                                                                                                                                                     |                                       |             |             |              | -              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                                                     |                                       |             |             |              | -              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                                       |             |             |              | -              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                                       |             |             |              | -              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>-</b>                                        | <b>-</b>                                                                                                                                            | <b>140,000</b>                        | <b>-</b>    | <b>-</b>    | <b>-</b>     | <b>140,000</b> |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |                                                                                                                                                     |                                       |             |             |              |                |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |                                                                                                                                                     |                                       |             |             |              |                |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>2018</b>                                     | <b>2019</b>                                                                                                                                         | <b>2020</b>                           | <b>2021</b> | <b>2022</b> | <b>TOTAL</b> |                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                                                     |                                       |             |             |              |                |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| DEPARTMENT: ADMINISTRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                          | DIVISION: INFORMATION TECHNOLOGY                                                                                                                    |                                                     |
| PROJECT NO:<br><b>I1804</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PROJECT TITLE:<br><b>HARRIS AUTOMATION PLATFORM</b>                                      |                                                                                                                                                     | PROJECT LOCATION:<br><b>CITY MUNICIPAL BUILDING</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          | <b>New Project</b>                                                                                                                                  |                                                     |
| PRIORITY: 5 - Low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | This project is a NEED and not a WANT, but it can start in year two of this CIP or later |                                                                                                                                                     |                                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                          | Not Applicable                                                                                                                                      |                                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Harris NorthStart (and associated applications) are used for Utility Billing and Smart-Meter Utility Management. It has been recommended by the vendor, and vetted by staff, that implementing an automation platform would substantially improve efficiency in processing utility billing. This would eliminate much of the manual efforts that our Payments and Utility Billing Team handle daily.</p> <p>Placeholder Project based on feedback from Utility Billing Vendor (Harris Computer Corporation)</p> <p>Would be used to automate many tasks currently performed manually, such as:</p> <ul style="list-style-type: none"> <li>- Billing Improvements including Validation Procedures and Processes</li> <li>- Credit Control – Late Payment Penalties and Disconnect Notices</li> <li>- Preauthorized Payments (PAP)</li> </ul> |                                                                                          |                                                                                                                                                     |                                                     |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                          | PROJECT COST BY CATEGORY                                                                                                                            |                                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2018                                                                                     | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2020                                                                                     | Labor                                                                                                                                               |                                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                        | Materials                                                                                                                                           |                                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 150,000                                                                                  | Other Contracts                                                                                                                                     | 3063006.9622                                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                          | Total Project Cost                                                                                                                                  |                                                     |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 150,000                                                                                  | \$ 150,000                                                                                                                                          |                                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0%                                                                                       | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                     |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                          |                                                                                                                                                     |                                                     |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PRIOR <sup>2</sup>                                                                       | 2018                                                                                                                                                | 2019                                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                          |                                                                                                                                                     | 150,000                                             |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                          |                                                                                                                                                     |                                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                          |                                                                                                                                                     |                                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                          |                                                                                                                                                     |                                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                          |                                                                                                                                                     |                                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                        | -                                                                                                                                                   | 150,000                                             |
| <sup>2</sup> "Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                                                     |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                          |                                                                                                                                                     |                                                     |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2018                                                                                     | 2019                                                                                                                                                | 2020                                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                          |                                                                                                                                                     |                                                     |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------|------|-------|---------|
| DEPARTMENT: ADMINISTRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  | DIVISION: INFORMATION TECHNOLOGY                                                                                                                    |                                              |      |      |       |         |
| PROJECT NO:<br>I1806                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PROJECT TITLE:<br>POLICE CAR RETROFIT                                            |                                                                                                                                                     | PROJECT LOCATION:<br>CITY MUNICIPAL BUILDING |      |      |       |         |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                  | New Project                                                                                                                                         |                                              |      |      |       |         |
| PRIORITY: 2 - High Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                              |      |      |       |         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                  | Not Applicable                                                                                                                                      |                                              |      |      |       |         |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The City of Newark is scheduled to refresh most of its computers throughout the organization. This includes our Police Department. DE, PA and MD State and County Police are moving towards tablet computers in the vehicles. Newark is expected to follow-suit. Tablets will be assigned to all officers within NPD. At present, 25 NPD vehicles have legacy, laptop mounts that are becoming difficult to maintain. Moving forward, with the new tablets and new class of computer models from vendors, new mounts are required to be installed to connect new computers to the charging station and printer. This cost is only to retrofit the vehicles with new mounts and docking devices. This cost does NOT include the computers that are part of our OpEx.</p> <p>Computer lease refresh of rugged tablets is causing this retrofit (upgrade) to be required<br/>DE, PA and MD State Police moving to rugged tablets</p> <p>25 NPD vehicles have legacy mounts and no cellular antennas<br/>- New cellular antennas required for compatibility and bandwidth requirements<br/>- Systems can be migrated to new cars in the future. Likely full replacement in 8 years.</p> <p>Must be completed or computers will not function in NPD vehicles</p> |                                                                                  |                                                                                                                                                     |                                              |      |      |       |         |
| -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  | PROJECT COST BY CATEGORY                                                                                                                            |                                              |      |      |       |         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2018                                                                             | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                              |      |      |       |         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                             | Labor                                                                                                                                               |                                              |      |      |       |         |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                | Materials                                                                                                                                           |                                              |      |      |       |         |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 120,000                                                                          | Other Contracts                                                                                                                                     | 3063006.9622                                 |      |      |       |         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  | Total Project Cost \$ 120,000                                                                                                                       |                                              |      |      |       |         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120,000                                                                          | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                              |      |      |       |         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0%                                                                               |                                                                                                                                                     |                                              |      |      |       |         |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  |                                                                                                                                                     |                                              |      |      |       |         |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PRIOR <sup>2</sup>                                                               | 2018                                                                                                                                                | 2019                                         | 2020 | 2021 | 2022  | TOTAL   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  | 120,000                                                                                                                                             |                                              |      |      |       | 120,000 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                  |                                                                                                                                                     |                                              |      |      |       | -       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |                                                                                                                                                     |                                              |      |      |       | -       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                  |                                                                                                                                                     |                                              |      |      |       | -       |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                  |                                                                                                                                                     |                                              |      |      |       | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                                                                                                     |                                              |      |      |       | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                                                                                                     |                                              |      |      |       | -       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                                | 120,000                                                                                                                                             | -                                            | -    | -    | -     | 120,000 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |                                                                                                                                                     |                                              |      |      |       |         |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     |                                              |      |      |       |         |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2018                                                                             | 2019                                                                                                                                                | 2020                                         | 2021 | 2022 | TOTAL |         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  |                                                                                                                                                     |                                              |      |      |       |         |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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| DEPARTMENT: Administration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             | DIVISION: Information Technology                                                                                                                    |                                |
| PROJECT NO:<br>I1807                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PROJECT TITLE:<br>Building Security Upgrades                                                |                                                                                                                                                     | PROJECT LOCATION:<br>City-Wide |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | New Project                                                                                                                                         |                                |
| PRIORITY: 4 - Medium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | Not Applicable                                                                                                                                      |                                |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>This project is to improve security to the South Well Field Water Plant, the Paper Mill Road Water Plant and the Reservoir Pump House. Currently those locations are secured by standard door locks with key entry. This project would be to retrofit these buildings with card readers to control and track building entry by City personnel. This cost includes wiring, card reader devices, and additional cameras inside those locations.</p> |                                                                                             |                                                                                                                                                     |                                |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | PROJECT COST BY CATEGORY                                                                                                                            |                                |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2018                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2018                                                                                        | Labor                                                                                                                                               |                                |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5                                                                                           | Materials                                                                                                                                           |                                |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50,000                                                                                      | Other Contracts                                                                                                                                     | 3063006.9622                   |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             | Total Project Cost \$ 50,000                                                                                                                        |                                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50,000                                                                                      | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0%                                                                                          |                                                                                                                                                     |                                |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |                                                                                                                                                     |                                |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PRIOR <sup>2</sup>                                                                          | 2018                                                                                                                                                | 2019                           |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             |                                                                                                                                                     |                                |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             | 50,000                                                                                                                                              |                                |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                           | 50,000                                                                                                                                              | -                              |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                           |                                                                                             |                                                                                                                                                     |                                |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             |                                                                                                                                                     |                                |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2018                                                                                        | 2019                                                                                                                                                | 2020                           |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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| DEPARTMENT: ADMINISTRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         | DIVISION: INFORMATION TECHNOLOGY                                                                                                                    |                                              |
| PROJECT NO:<br>I1703                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT TITLE:<br>RECREATION MANAGEMENT SOFTWARE                        |                                                                                                                                                     | PROJECT LOCATION:<br>CITY MUNICIPAL BUILDING |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         | In Prior Program                                                                                                                                    |                                              |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | The City would be taking a calculated risk in the deferral of this item |                                                                                                                                                     |                                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         | Not Applicable                                                                                                                                      |                                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The City's Recreation Management Software is due for replacement. The current system, implemented in the late 2000's has become antiquated and is no longer efficient for managing our complex recreation programs and services to Newark residents. These services include summer camps, sports, after-school care and other recreation events across the City. This software replacement is anticipated to further merge our internal operations along the Tyler Technologies Munis platform, allowing for shared database information, cashiering and reporting.</p> <p>Currently scheduled for 2019 (\$80,000)<br/> Replacement for legacy software that is no longer supported<br/> Software responsible for Before/After School Care, Sports Activities and GWC Programs<br/> 3 Solutions being considered<br/> Will provide online portal for residents</p> |                                                                         |                                                                                                                                                     |                                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         | PROJECT COST BY CATEGORY                                                                                                                            |                                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2017                                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2019                                                                    | Labor                                                                                                                                               |                                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10                                                                      | Materials                                                                                                                                           |                                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 80,000                                                                  | Other Contracts                                                                                                                                     | 3063006.9622                                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                       | Total Project Cost                                                                                                                                  | \$ 80,000                                    |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 80,000                                                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0%                                                                      |                                                                                                                                                     |                                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PRIOR <sup>2</sup>                                                      | 2018                                                                                                                                                | 2019                                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                         |                                                                                                                                                     | 80,000                                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |                                                                                                                                                     |                                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         |                                                                                                                                                     |                                              |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                                                                                                     |                                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |                                                                                                                                                     |                                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                                                                                                                                                     |                                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                                                                                                                                                     |                                              |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                       | -                                                                                                                                                   | 80,000                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         |                                                                                                                                                     |                                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |                                                                                                                                                     |                                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2018                                                                    | 2019                                                                                                                                                | 2020                                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                                                                                                                                                     |                                              |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| DEPARTMENT: ADMINISTRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                         | DIVISION: INFORMATION TECHNOLOGY                                                                                                                    |                        |
| PROJECT NO:<br>I1601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PROJECT TITLE:<br>VIRTUAL ENVIRONMENT HOST REPLACEMENT                  | PROJECT LOCATION:<br>CITY MUNICIPAL BUILDING                                                                                                        |                        |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         | In Prior Program                                                                                                                                    |                        |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | The City would be taking a calculated risk in the deferral of this item |                                                                                                                                                     |                        |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                         | Not Applicable                                                                                                                                      |                        |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Long range forecast cost for replacement of Microsoft Hyper-V Virtualization Host (Server) Replacement. The City's virtualization environment is critical to maintaining 100+ physical and virtual servers running throughout the organization. These servers host applications such as Utility Billing and Smart Meter Applications, as well as file services, print services, document management and retention services and a myriad of other applications that impact operations.</p> <p>Currently scheduled for 2020 (\$75,000)<br/>Replacement for equipment purchased in 2016 (4 year replacement)<br/>Server and Storage for IT Datacenters</p> <p>This is an estimated cost and will be formally quoted during annual budget preparation in late 2019.</p> |                                                                         |                                                                                                                                                     |                        |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                         | PROJECT COST BY CATEGORY                                                                                                                            |                        |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2016                                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS        |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2020                                                                    | Labor                                                                                                                                               |                        |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5                                                                       | Materials                                                                                                                                           | 3063006.9622 \$ 8,000  |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 75,000                                                                  | Other Contracts                                                                                                                                     | 3063026.9622 \$ 67,000 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                       | Total Project Cost \$ 75,000                                                                                                                        |                        |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 75,000                                                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                        |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0%                                                                      |                                                                                                                                                     |                        |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                         |                                                                                                                                                     |                        |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PRIOR <sup>2</sup>                                                      | 2018                                                                                                                                                | 2019                   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |                                                                                                                                                     | 8,000                  |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                                                                                                                                                     |                        |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |                                                                                                                                                     | 67,000                 |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                        |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                                                                                                                                                     |                        |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                        |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                        |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                       | -                                                                                                                                                   | 75,000                 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |                                                                                                                                                     |                        |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                                                                                                     |                        |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2018                                                                    | 2019                                                                                                                                                | 2020                   |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                        |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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| DEPARTMENT: ADMINISTRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               | DIVISION: INFORMATION TECHNOLOGY                                                                                                                    |                                |        |        |      |         |
| PROJECT NO:<br>I1603                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PROJECT TITLE:<br>SURVEILLANCE CAMERA REFRESH |                                                                                                                                                     | PROJECT LOCATION:<br>CITY-WIDE |        |        |      |         |
| PROJECT STATUS (SELECT FROM DROP DOWN): In Progress                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                               |                                                                                                                                                     |                                |        |        |      |         |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               | The City would be taking a calculated risk in the deferral of this item                                                                             |                                |        |        |      |         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               | Healthy & Active Community                                                                                                                          |                                |        |        |      |         |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>IMPACTED DEPARTMENT/DIVISION: Newark Police Department</p> <p>The City of Newark surveillance cameras and network are showing their age. Most of the cameras are at least 8 years old and we are starting to see them fail with regularity. It is IT's recommendation that the cameras be replaced over a period of 5 years to ensure optimum functionality and savings on repair.</p> <p>Project began in 2017 and expected completion in 2021<br/>Replacing 5 traffic cameras per year (total of 30 cameras - 10 replaced in 2017)</p> <p>Axis Q6045-C PTZ Dome 60Hz Network Camera<br/>30 Cameras - \$123,000.00<br/>Installation - \$60,000.00<br/>OnSSI Licensing - \$12,000.00</p> |                                               |                                                                                                                                                     |                                |        |        |      |         |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               | PROJECT COST BY CATEGORY                                                                                                                            |                                |        |        |      |         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2016                                          | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                |        |        |      |         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2021                                          | Labor                                                                                                                                               |                                |        |        |      |         |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                            | Materials                                                                                                                                           |                                |        |        |      |         |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 195,000                                       | Other Contracts                                                                                                                                     | 3063006.9622                   |        |        |      |         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 65,000                                        | Total Project Cost \$ 130,000                                                                                                                       |                                |        |        |      |         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 130,000                                       | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                |        |        |      |         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30%                                           |                                                                                                                                                     |                                |        |        |      |         |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                                                                                                                                     |                                |        |        |      |         |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PRIOR <sup>2</sup>                            | 2018                                                                                                                                                | 2019                           | 2020   | 2021   | 2022 | TOTAL   |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               |                                                                                                                                                     |                                |        |        |      | -       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                                                                                                                                     |                                |        |        |      | -       |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                               |                                                                                                                                                     |                                |        |        |      | -       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               | 32,500                                                                                                                                              | 32,500                         | 32,500 | 32,500 |      | 130,000 |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                                                                                                                                     |                                |        |        |      | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                               |                                                                                                                                                     |                                |        |        |      | -       |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                               |                                                                                                                                                     |                                |        |        |      | -       |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                             | 32,500                                                                                                                                              | 32,500                         | 32,500 | 32,500 | -    | 130,000 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                  |                                               |                                                                                                                                                     |                                |        |        |      |         |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                               |                                                                                                                                                     |                                |        |        |      |         |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               | 2018                                                                                                                                                | 2019                           | 2020   | 2021   | 2022 | TOTAL   |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                               |                                                                                                                                                     |                                |        |        |      |         |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| DEPARTMENT: ADMINISTRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         | DIVISION: INFORMATION TECHNOLOGY                                                                                                                    |                                              |
| PROJECT NO:<br>I1606                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PROJECT TITLE:<br>DISASTER RECOVERY AND PLANNING                        |                                                                                                                                                     | PROJECT LOCATION:<br>CITY MUNICIPAL BUILDING |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         | In Prior Program                                                                                                                                    |                                              |
| PRIORITY: 3 - Medium-High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The City would be taking a calculated risk in the deferral of this item |                                                                                                                                                     |                                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         | Not Applicable                                                                                                                                      |                                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Long range forecast cost for replacement of Disaster Planning, Recovery and Availability hardware within two City-owned data centers. These services are critical for ensuring resiliency in the event of a cyber attack, data loss, hardware failure or environmental or man-made disaster.</p> <p>Currently scheduled for 2020 (\$75,000)<br/>Replacement for equipment purchased in 2016 (4 year replacement)<br/>Server and Storage for IT Datacenters</p> <p>This is an estimated cost and will be formally quoted during annual budget preparation in late 2019.</p> |                                                                         |                                                                                                                                                     |                                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         | PROJECT COST BY CATEGORY                                                                                                                            |                                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2016                                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2020                                                                    | Labor                                                                                                                                               |                                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5                                                                       | Materials                                                                                                                                           | 3063006.9622 \$ 25,000                       |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 75,000                                                                  | Other Contracts                                                                                                                                     | 3063026.9622 \$ 50,000                       |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                       | Total Project Cost \$ 75,000                                                                                                                        |                                              |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 75,000                                                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0%                                                                      |                                                                                                                                                     |                                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         |                                                                                                                                                     |                                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIOR <sup>2</sup>                                                      | 2018                                                                                                                                                | 2019                                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                                                                                                     | 25,000                                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                                                                                                                                     |                                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                         |                                                                                                                                                     | 50,000                                       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                                                                                                     |                                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                                                                                                                                     |                                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                       | -                                                                                                                                                   | 75,000                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                    |                                                                         |                                                                                                                                                     |                                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |                                                                                                                                                     |                                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2018                                                                    | 2019                                                                                                                                                | 2020                                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                                              |

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**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**PUBLIC WORKS AND WATER RESOURCES DEPARTMENT-MAINTENANCE FUND-FLEET MAINTENANCE DIVISION**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                                              |   | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM |          |      |      |      |           |
|-------------------------------------------|----------------------------------------------|---|----------------|-----------------------------|--------------------|----------------------------------------|----------|------|------|------|-----------|
|                                           |                                              |   |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | R E C O M M E N D E D F U N D I N G    |          |      |      |      |           |
|                                           |                                              |   |                |                             |                    | 2018                                   | 2019     | 2020 | 2021 | 2022 | TOTAL     |
| M1401                                     | Truck Lift Systems Improvements              | D | \$102,549      | \$124,549                   | \$0                | \$124,549                              | \$0      | \$0  | \$0  | \$0  | \$124,549 |
| M1101                                     | Maint Yard Master Plan/Salt Shed Replacement | D | 250,000        | 0                           | 0                  | 0                                      | 0        | 0    | 0    | 0    | 0         |
| MEQSF                                     | Vehicle Replacement Program                  | D | 0              | 0                           | 0                  | 0                                      | 40,000   | 0    | 0    | 0    | 40,000    |
| Total Maintenance Fund-Fleet Maintenance  |                                              |   | \$352,549      | \$124,549                   | \$0                | \$124,549                              | \$40,000 | \$0  | \$0  | \$0  | \$164,549 |
|                                           |                                              |   |                |                             |                    |                                        |          |      |      |      |           |
| GROSS CAPITAL IMPROVEMENTS                |                                              |   | \$352,549      | \$124,549                   | \$0                | 124,549                                | \$40,000 | \$0  | \$0  | \$0  | 164,549   |
| LESS: USE OF RESERVES                     |                                              |   | (352,549)      | (79,549)                    | 0                  | (79,549)                               | 0        | 0    | 0    | 0    | (79,549)  |
| VEHICLE/EQUIPMENT REPLACEMENT             |                                              |   | 0              | 0                           | 0                  | 0                                      | (40,000) | 0    | 0    | 0    | (40,000)  |
| GRANTS                                    |                                              |   | 0              | 0                           | 0                  | 0                                      | 0        | 0    | 0    | 0    | 0         |
| BOND ISSUES                               |                                              |   | 0              | (45,000)                    | 0                  | (45,000)                               | 0        | 0    | 0    | 0    | (45,000)  |
| OTHER FINANCING SOURCES                   |                                              |   | 0              | 0                           | 0                  | 0                                      | 0        | 0    | 0    | 0    | 0         |
| NET CAPITAL IMPROVEMENTS                  |                                              |   | \$0            | \$0                         | \$0                | \$0                                    | \$0      | \$0  | \$0  | \$0  | \$0       |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |                                                                                                                                                     |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                         | DIVISION: FLEET MAINTENANCE                                                                                                                         |                                                |
| PROJECT NO:<br><b>M1401</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PROJECT TITLE:<br><b>TRUCK LIFT SYSTEM IMPROVEMENTS</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>MAINTENANCE GARAGE</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                                                                                                                                                     |                                                |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                         | Project underway and must be completed                                                                                                              |                                                |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                         | Sustainable Community                                                                                                                               |                                                |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The current lift system is old and parts are no longer available to repair the system in a timely manner. Our ability to repair and recertify the system often involves locating used parts. The new system will provide the latest technology utilizing wireless communication between the lifts to coordinate their movement versus the wired system that we currently use.</p> <p>Deauthorize \$23,000.00 to be transferred to CIP Project N1806.</p> |                                                         |                                                                                                                                                     |                                                |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                         | PROJECT COST BY CATEGORY                                                                                                                            |                                                |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2014                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2018                                                    | Labor                                                                                                                                               |                                                |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10                                                      | Materials                                                                                                                                           |                                                |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 124,549                                                 | Other Contracts                                                                                                                                     | 6006006.9622                                   |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                       | Total Project Cost \$ 124,549                                                                                                                       |                                                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 124,549                                                 | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                         |                                                                                                                                                     |                                                |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                         |                                                                                                                                                     |                                                |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PRIOR <sup>2</sup>                                      | 2018                                                                                                                                                | 2019                                           |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                         |                                                                                                                                                     |                                                |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 79,549                                                  |                                                                                                                                                     |                                                |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                                                                                                                                                     |                                                |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                         | 45,000                                                                                                                                              |                                                |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |                                                                                                                                                     |                                                |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |                                                                                                                                                     |                                                |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |                                                                                                                                                     |                                                |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>79,549</b>                                           | <b>45,000</b>                                                                                                                                       | <b>-</b>                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                  |                                                         |                                                                                                                                                     |                                                |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                                                                                                                                                     |                                                |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2018                                                    | 2019                                                                                                                                                | 2020                                           |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                         |                                                                                                                                                     |                                                |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                                                                                                                                     |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DEPARTMENT: PUBLIC WORKS & WATER RESOURCES                                                                                                                                                                                                                                                                                                                                            |                                               | DIVISION: FLEET MAINTENANCE                                                                                                                         |                              |
| PROJECT NO:<br>MEQSF                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br>VEHICLE REPLACEMENT PROGRAM |                                                                                                                                                     | PROJECT LOCATION:<br>VARIOUS |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                               |                                                                                                                                                     |                              |
| PRIORITY: 1 - Highest Priority Level                                                                                                                                                                                                                                                                                                                                                  |                                               | Project underway and must be completed                                                                                                              |                              |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                               | Sustainable Community                                                                                                                               |                              |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p>                                                                                                                                                                                                             |                                               |                                                                                                                                                     |                              |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                    |                                               | PROJECT COST BY CATEGORY                                                                                                                            |                              |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                       | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                       | Labor                                                                                                                                               |                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | VARIOUS                                       | Materials                                                                                                                                           |                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 40,000                                        | Other Contracts                                                                                                                                     | 6006006.9623                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                               | Total Project Cost \$ 40,000                                                                                                                        |                              |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 40,000                                        | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                              |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                               |                                                                                                                                                     |                              |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                        |                                               |                                                                                                                                                     |                              |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                            | PRIOR <sup>2</sup>                            | 2018                                                                                                                                                | 2019                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                               |                                                                                                                                                     |                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                               |                                                                                                                                                     |                              |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                               |                                                                                                                                                     | 40,000                       |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                               |                                                                                                                                                     |                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                               |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                                                                                                                                     |                              |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                                                                                                                                     |                              |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | -                                             | -                                                                                                                                                   | 40,000                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                               |                                                                                                                                                     |                              |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                          |                                               |                                                                                                                                                     |                              |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                      | 2018                                          | 2019                                                                                                                                                | 2020                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       | -                                             | -                                                                                                                                                   | -                            |

**CITY OF NEWARK, DELAWARE**  
**CAPITAL IMPROVEMENTS PROGRAM 2018-2022**  
**MAINTENANCE FUND - FACILITIES MAINTENANCE DIVISION**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE     | 2017<br>BUDGET                              | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM |           |          |      |      |           |
|-----------------------------------------------|---------------------------------------------|-----------------------------|--------------------|----------------------------------------|-----------|----------|------|------|-----------|
|                                               |                                             | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | R E C O M M E N D E D F U N D I N G    |           |          |      |      |           |
|                                               |                                             |                             |                    | 2018                                   | 2019      | 2020     | 2021 | 2022 | TOTAL     |
| N1801                                         | NPD - Rear Concrete Deck and Stairs         | C                           | \$0                | \$50,000                               | \$0       | \$0      | \$0  | \$0  | \$50,000  |
| N1803                                         | MUN/NPD - Exterior Paint/Powerwash          | C                           | 0                  | 0                                      | 33,000    | 0        | 0    | 0    | 33,000    |
| N1805                                         | MUN - Lower Level Bathroom                  | C                           | 0                  | 0                                      | 30,000    | 0        | 0    | 0    | 30,000    |
| N1806                                         | FOC - Master Plan                           | D                           | 0                  | 123,000                                | 225,000   | 0        | 0    | 0    | 348,000   |
| N1808                                         | FOC - Buildings 1 & 2 Security Improvements | B                           | 0                  | 0                                      | 31,000    | 0        | 0    | 0    | 31,000    |
| N1809                                         | TRN - New Windows                           | C                           | 0                  | 0                                      | 55,000    | 0        | 0    | 0    | 55,000    |
| N1701                                         | Men's Locker Room Expansion                 | B                           | 20,000             | 20,000                                 | 0         | 0        | 0    | 0    | 20,000    |
| N1702                                         | MUN - Council Chamber Renovations           | C                           | 0                  | 0                                      | 0         | 25,000   | 0    | 0    | 25,000    |
| N1601                                         | Municipal Building Improvements (B1601)     | D                           | 70,000             | 0                                      | 0         | 0        | 0    | 0    | 0         |
| N1603                                         | GWCC - HVAC System Upgrades                 | D                           | 0                  | 105,000                                | 0         | 0        | 0    | 0    | 105,000   |
| NEQSF                                         | Vehicle Replacement Program                 | D                           | 0                  | 30,000                                 | 0         | 0        | 0    | 0    | 30,000    |
| Total Maintenance Fund-Facilities Maintenance |                                             |                             |                    | \$328,000                              | \$374,000 | \$25,000 | \$0  | \$0  | \$727,000 |
| GROSS CAPITAL IMPROVEMENTS                    |                                             |                             |                    | 328,000                                | \$374,000 | \$25,000 | \$0  | \$0  | \$727,000 |
| LESS: USE OF RESERVES                         |                                             |                             |                    | (43,000)                               | 0         | 0        | 0    | 0    | (43,000)  |
| VEHICLE/EQUIPMENT REPLACEMENT                 |                                             |                             |                    | (30,000)                               | 0         | 0        | 0    | 0    | (30,000)  |
| GRANTS                                        |                                             |                             |                    | 0                                      | 0         | 0        | 0    | 0    | 0         |
| BOND ISSUES                                   |                                             |                             |                    | (120,000)                              | (225,000) | 0        | 0    | 0    | (345,000) |
| OTHER FINANCING SOURCES                       |                                             |                             |                    | (105,000)                              | 0         | 0        | 0    | 0    | (105,000) |
| NET CAPITAL IMPROVEMENTS                      |                                             |                             |                    | \$30,000                               | \$149,000 | \$25,000 | \$0  | \$0  | \$204,000 |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                            |
| PROJECT NO:<br><b>N1801</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PROJECT TITLE:<br><b>NPD - REAR CONCRETE DECK AND STAIRS</b>                     |                                                                                                                                                     | PROJECT LOCATION:<br><b>POLICE STATION</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                  | <b>New Project</b>                                                                                                                                  |                                            |
| PRIORITY: <b>2 - High Priority Level</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Critical need to remediate failing service, prevent failure, or generate savings |                                                                                                                                                     |                                            |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                  | Not Applicable                                                                                                                                      |                                            |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>The rear concrete stairs at City Hall/NPD are in need of replacement. The concrete has deteriorated and employees have suffered injuries due to the unevenness of the stairs. Also, the metal support structure beneath the concrete catwalk has disintegrated due to rust. Currently nothing is supporting the concrete, which could cause the structure to crumble and fall. This project would repair and replace the impacted areas. This is a project to improve safety.</p> <p>Project spun out of CIP N1601 that included multiple building repairs, including the concrete stairs. This has been broken out for transparency and project tracking purposes.</p> |                                                                                  |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                            |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>2018</b>                                                                      | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>2018</b>                                                                      | Labor                                                                                                                                               |                                            |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>10</b>                                                                        | Materials                                                                                                                                           |                                            |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>50,000</b>                                                                    | Other Contracts                                                                                                                                     | <b>6006016.9621</b>                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  | Total Project Cost <b>\$ 50,000</b>                                                                                                                 |                                            |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>50,000</b>                                                                    | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                            |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |                                                                                                                                                     |                                            |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                  |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>PRIOR<sup>2</sup></b>                                                         | <b>2018</b>                                                                                                                                         | <b>2019</b>                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  |                                                                                                                                                     |                                            |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                                                                                                                                     |                                            |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                  |                                                                                                                                                     |                                            |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                  | <b>50,000</b>                                                                                                                                       |                                            |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     |                                            |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>-</b>                                                                         | <b>50,000</b>                                                                                                                                       | <b>-</b>                                   |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                        |                                                                                  |                                                                                                                                                     |                                            |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                  |                                                                                                                                                     |                                            |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>2018</b>                                                                      | <b>2019</b>                                                                                                                                         | <b>2020</b>                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                  |                                                                                                                                                     |                                            |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                         | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                                     |
| PROJECT NO:<br><b>N1803</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PROJECT TITLE:<br><b>MUN/NPD - EXTERIOR PAINT AND POWERWASH</b>         |                                                                                                                                                     | PROJECT LOCATION:<br><b>CITY MUNICIPAL BUILDING</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                         | <b>New Project</b>                                                                                                                                  |                                                     |
| PRIORITY: <b>3 - Medium-High</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | The City would be taking a calculated risk in the deferral of this item |                                                                                                                                                     |                                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                         | Not Applicable                                                                                                                                      |                                                     |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>City Hall and NPD buildings are in need of a thorough cleaning and painting of the metal cornice surround at the top of each building. These projects constitute a need to maintain our existing building, and are not considered upgrades or cosmetic improvements. In years past, these types of projects were disregarded due to cost and budget, however time has caught up with us and the brick is in need of a cleaning and rusted metal is in need of protective paint.</p> |                                                                         |                                                                                                                                                     |                                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2018                                                                    | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2019                                                                    | Labor                                                                                                                                               |                                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10                                                                      | Materials                                                                                                                                           |                                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 33,000                                                                  | Other Contracts                                                                                                                                     | 6006016.9621                                        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                         | Total Project Cost                                                                                                                                  | \$ 33,000                                           |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 33,000                                                                  | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                                                                                                                     |                                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |                                                                                                                                                     |                                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>PRIOR<sup>2</sup></b>                                                | <b>2018</b>                                                                                                                                         | <b>2019</b>                                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |                                                                                                                                                     | 33,000                                              |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                                                                                                                                                     |                                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                         |                                                                                                                                                     |                                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                                                                                                     |                                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |                                                                                                                                                     |                                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>-</b>                                                                | <b>-</b>                                                                                                                                            | <b>33,000</b>                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                             |                                                                         |                                                                                                                                                     |                                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |                                                                                                                                                     |                                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>2018</b>                                                             | <b>2019</b>                                                                                                                                         | <b>2020</b>                                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |                                                                                                                                                     |                                                     |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                                     |
| PROJECT NO:<br><b>N1805</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PROJECT TITLE:<br><b>MUN - LOWER LEVEL BATHROOM</b>                                         |                                                                                                                                                     | PROJECT LOCATION:<br><b>CITY MUNICIPAL BUILDING</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             | <b>New Project</b>                                                                                                                                  |                                                     |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             | Not Applicable                                                                                                                                      |                                                     |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>Currently a single stall bathroom is available in the lower level. It is recommended to install a second bathroom on that level due to increased staffing after having migrated multiple City employees to the lower level. Recent use of the Training Room by City staff, along with staff from other State and Private Agencies has highlighted the issue with a single stall restroom. This project funding would be used to create a second restroom in place of an existing janitors closet to provide male and female restrooms on the lower level. It should also be noted that a new restroom, and a minor upgrade to the existing restroom would allow the City to be ADA compliant on the lower level.</p> |                                                                                             |                                                                                                                                                     |                                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>2018</b>                                                                                 | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>2019</b>                                                                                 | Labor                                                                                                                                               |                                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>10</b>                                                                                   | Materials                                                                                                                                           |                                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>30,000</b>                                                                               | Other Contracts                                                                                                                                     | <b>6006016.9621</b>                                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             | Total Project Cost <b>\$ 30,000</b>                                                                                                                 |                                                     |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>30,000</b>                                                                               | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             |                                                                                                                                                     |                                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             |                                                                                                                                                     | <b>30,000</b>                                       |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |                                                                                                                                                     |                                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             |                                                                                                                                                     |                                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |                                                                                                                                                     |                                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>30,000</b>                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                     |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                                      |
| PROJECT NO:<br><b>N1806</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PROJECT TITLE:<br><b>FOC - MASTER PLAN</b>                                                  |                                                                                                                                                     | PROJECT LOCATION:<br><b>FIELD OPERATIONS COMPLEX</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | <b>New Project</b>                                                                                                                                  |                                                      |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                      |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Not Applicable                                                                                                                                      |                                                      |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>This project was previously identified as M1101 (PWWR - Maintenance) and has now been moved and renumbered to Facilities Division.</p> <p>Phase 1: Needs Assessment and Master Planning (Completed 2016)<br/>           Phase 2: Salt Shed Construction (Completed 2017)<br/>           Phase 3: Demolition of Building #3 (2018) - Estimate \$30,000, and Additional Electric Utility Storage in Building #2 (2018) - Estimate \$70,000<br/>           Phase 4: New Parking Area (2019) - Estimate \$80,000<br/>           Phase 5: Construction of Expanded Building #3 (2019) - Estimate \$95,000</p> <p>The Old Warehouse at the Facilities Operations Complex (Yard) is becoming a safety risk due to its condition. This building houses items such as: Vehicles, Electric Utility, Public Works Pumps and Filtering Media, Pipes and Hydrants, Police Impound. New Building Design is currently being evaluated.</p> <p>Please note, \$23,000 is to be transferred from CIP Project M1401.</p> |                                                                                             |                                                                                                                                                     |                                                      |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                      |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>2018</b>                                                                                 | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                               |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>2019</b>                                                                                 | Labor                                                                                                                                               |                                                      |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>20</b>                                                                                   | Materials                                                                                                                                           |                                                      |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>348,000</b>                                                                              | Other Contracts                                                                                                                                     | <b>6006016.9621</b>                                  |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | Total Project Cost <b>\$ 348,000</b>                                                                                                                |                                                      |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>348,000</b>                                                                              | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                      |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                                      |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                      |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                          |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             | 30,000                                                                                                                                              | -                                                    |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             | 23,000                                                                                                                                              |                                                      |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                      |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             | 70,000                                                                                                                                              | 225,000                                              |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                                                      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                                                      |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>-</b>                                                                                    | <b>123,000</b>                                                                                                                                      | <b>225,000</b>                                       |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                      |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                                                                                                                                     |                                                      |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                          |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                                                      |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                         |                                                                                             | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                                      |
| PROJECT NO:<br><b>N1808</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>FOC - BUILDINGS 1 &amp; 2 SECURITY IMPROVEMENTS</b>                    |                                                                                                                                                     | PROJECT LOCATION:<br><b>FIELD OPERATIONS COMPLEX</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                             | <b>New Project</b>                                                                                                                                  |                                                      |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                           | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                      |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                             | Not Applicable                                                                                                                                      |                                                      |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Buildings 1 and 2 at the Field Operation Complex (Yard) require additional security on doors throughout. Doors do not close properly, garage doors are dented and susceptible to being opened without keys. This project would be used to remedy these items.</p>                                                       |                                                                                             |                                                                                                                                                     |                                                      |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                      |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | 2018                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                      |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | 2019                                                                                        | Labor                                                                                                                                               |                                                      |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | 10                                                                                          | Materials                                                                                                                                           |                                                      |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 31,000                                                                                      | Other Contracts                                                                                                                                     | 6006016.9621                                         |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Total Project Cost                                                                                                                                  | \$ 31,000                                            |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 31,000                                                                                      | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                      |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |                                                                                                                                                     |                                                      |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                      |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                          |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     | 31,000                                               |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                      |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                      |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                      |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                      |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>31,000</b>                                        |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                             |                                                                                                                                                     |                                                      |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                                      |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                          |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                      |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                                  |
| PROJECT NO:<br><b>N1809</b>                                                                                                                                                                                                                                                                                                                                                                                | PROJECT TITLE:<br><b>TRN - NEW WINDOWS</b>                                                  |                                                                                                                                                     | PROJECT LOCATION:<br><b>NEWARK TRAIN STATION</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | <b>New Project</b>                                                                                                                                  |                                                  |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                  |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Not Applicable                                                                                                                                      |                                                  |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Train Station windows are in desperate need of replacement. They are falling apart due to age. This is a safety issue as they have the potential to actually fall out of the wall. Beyond this, they are energy inefficient year round and do not open properly when used. Looking to secure grant-funding for this project during 2018.</p> |                                                                                             |                                                                                                                                                     |                                                  |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                  |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                  |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                      | 2018                                                                                        | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS                                  |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                       | 2019                                                                                        | Labor                                                                                                                                               |                                                  |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                | 10                                                                                          | Materials                                                                                                                                           |                                                  |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                            | 55,000                                                                                      | Other Contracts                                                                                                                                     | 6006016.9621                                     |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                              |                                                                                             | Total Project Cost \$ 55,000                                                                                                                        |                                                  |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                          | 55,000                                                                                      | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                  |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                                  |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                  |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                      |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |                                                                                                                                                     | 55,000                                           |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                  |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                  |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                             |                                                                                                                                                     |                                                  |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                  |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                                                  |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                                                  |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                               | <b>-</b>                                                                                    | <b>-</b>                                                                                                                                            | <b>55,000</b>                                    |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                      |                                                                                             |                                                                                                                                                     |                                                  |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                        |                                                                                             |                                                                                                                                                     |                                                  |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                    | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                      |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                            |                                                                                             |                                                                                                                                                     |                                                  |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                         |                                                      | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                            |
| PROJECT NO:<br><b>N1701</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>MEN'S LOCKER ROOM EXPANSION</b> |                                                                                                                                                     | PROJECT LOCATION:<br><b>POLICE STATION</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN): <b>In Prior Program</b>                                                                                                                                                                                                                                                                                                                       |                                                      |                                                                                                                                                     |                                            |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                           |                                                      | Project underway and must be completed                                                                                                              |                                            |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                      | Not Applicable                                                                                                                                      |                                            |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>The mens locker room is currently at capacity and there are no available lockers for new hires. This project would expand the current locker room into the adjacent lower level conference room. The project cost includes estimates for construction, flooring, lighting, lockers, and benches.</p>                    |                                                      |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                      | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                            |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | <b>2017</b>                                          | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                     |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | <b>2018</b>                                          | Labor                                                                                                                                               |                                            |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | <b>10</b>                                            | Materials                                                                                                                                           | <b>6006016.9621</b>                        |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | <b>20,000</b>                                        | Other Contracts                                                                                                                                     |                                            |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                      | Total Project Cost                                                                                                                                  | <b>\$ 20,000</b>                           |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | <b>20,000</b>                                        | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                            |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                      |                                                                                                                                                     |                                            |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                                                                                                                                     |                                            |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                             | <b>2018</b>                                                                                                                                         | <b>2019</b>                                |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                      |                                                                                                                                                     |                                            |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                      | 20,000                                                                                                                                              |                                            |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                                                                                                                                     |                                            |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                      |                                                                                                                                                     |                                            |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                      |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                                                                                                                                     |                                            |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                                                                                                                                     |                                            |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                             | <b>20,000</b>                                                                                                                                       | <b>-</b>                                   |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                      |                                                                                                                                                     |                                            |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                      |                                                                                                                                                     |                                            |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                          | <b>2019</b>                                                                                                                                         | <b>2020</b>                                |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       | 496                                                  | 496                                                                                                                                                 | 496                                        |

| CITY OF NEWARK, DELAWARE<br>CAPITAL BUDGET - PROJECT DETAIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                                                                                                                                                     |                          |                  |                                           |                        |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------|------------------------|--------|
| DEPARTMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    | PLANNING & DEVELOPMENT                                                                                                                              |                          | DIVISION:        |                                           | FACILITIES MAINTENANCE |        |
| PROJECT NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    | PROJECT TITLE:                                                                                                                                      |                          |                  | PROJECT LOCATION:                         |                        |        |
| N1702                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    | COUNCIL CHAMBER RENOVATIONS                                                                                                                         |                          |                  | COUNCIL CHAMBER - CITY MUNICIPAL BUILDING |                        |        |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |                                                                                                                                                     |                          | In Prior Program |                                           |                        |        |
| PRIORITY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    | 4 - Medium This project is a NEED and not a WANT, but no significant risk in the deferral of this item                                              |                          |                  |                                           |                        |        |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |                                                                                                                                                     |                          | Not Applicable   |                                           |                        |        |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Based on feedback from City Council during Budget Hearings, the City staff has identified the following improvements to the Council Chamber to make it more functional for Mayor and Council, City staff and visitors. The requested modifications to the Council Chamber include replacing the existing hard seated chairs with cushioned chairs for visitors and staff, adding paneling to the front of the dais to improve its appearance both in person and on camera, relocating the large paintings behind the dais to a more appropriate historical location and to paint the brick to brighten the room and enhance quality of the online/tv feed. Additionally, the orange Formica countertops would be replaced with a more neutral color. Lastly, new lighting and projector would be added to the room to make it more inviting and to provide better presentation quality.</p> <p>\$4,500.00 - Padded/Stackable Chairs<br/>           \$1,000.00 - Paint and supplies<br/>           \$3,000.00 - Wood Paneling<br/>           \$8,000.00 - Formica Countertops<br/>           \$1,300.00 - Lighting<br/>           \$5,000.00 - Projector (brighter so lights do not need to be turned off)</p> |                    |                                                                                                                                                     |                          |                  |                                           |                        |        |
| § 806.1(3) SUMMARY OF PROJECT DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |                                                                                                                                                     | PROJECT COST BY CATEGORY |                  |                                           |                        |        |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2017               | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS          |                  | AMOUNT                                    |                        |        |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2020               | Labor                                                                                                                                               |                          |                  |                                           |                        |        |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20                 | Materials                                                                                                                                           |                          |                  |                                           |                        |        |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25,000             | Other Contracts                                                                                                                                     | 6006016.9621             |                  | \$ 25,000                                 |                        |        |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    | Total Project Cost                                                                                                                                  |                          | \$ 25,000        |                                           |                        |        |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25,000             | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                          |                  |                                           |                        |        |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                                                                                                                                     |                          |                  |                                           |                        |        |
| PROJECT FINANCING BY PLAN YEAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                                                                                                                                                     |                          |                  |                                           |                        |        |
| § 806.1(3) SOURCE OF FUNDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PRIOR <sup>2</sup> | 2018                                                                                                                                                | 2019                     | 2020             | 2021                                      | 2022                   | TOTAL  |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                                                                                                                                                     |                          | 25,000           |                                           |                        | 25,000 |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                                                                                     |                          |                  |                                           |                        | -      |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                                                                                                                                                     |                          |                  |                                           |                        | -      |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |                                                                                                                                                     |                          |                  |                                           |                        | -      |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                                                                                     |                          |                  |                                           |                        | -      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                                                                                                                                                     |                          |                  |                                           |                        | -      |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                                                                                                                                                     |                          |                  |                                           |                        | -      |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                  | -                                                                                                                                                   | -                        | 25,000           | -                                         | -                      | 25,000 |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                                                                                                                                                     |                          |                  |                                           |                        |        |
| § 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                     |                          |                  |                                           |                        |        |
| OPERATING IMPACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2018               | 2019                                                                                                                                                | 2020                     | 2021             | 2022                                      | TOTAL                  |        |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                                                                                                                                                     |                          |                  |                                           | -                      |        |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                                  |
| PROJECT NO:<br><b>N1603</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>GWCC - HVAC SYSTEM UPGRADES</b>                                        |                                                                                                                                                     | PROJECT LOCATION:<br><b>GEORGE WILSON CENTER</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                             | <b>In Prior Program</b>                                                                                                                             |                                                  |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                                  |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                             | <b>Sustainable Community</b>                                                                                                                        |                                                  |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>The existing HVAC system at the George Wilson Center utilizes electric baseboard heat and individual wall unit air conditioners. The air conditioners are old and leak, and need to be shut off at night to minimize damage from leakage. Facilities Management staff brought in several different HVAC contractors to assess the situation and all agree that upgrading to a combined single heat and air conditioning system will provide greatly improved efficiency and reduce overall heating and air conditioning costs for the Center, as well as improve the overall appearance of the building. Estimated costs include a combined heat and air conditioning system, (heat pump option at \$89,400), filling in 7 A/C holes currently cut into the building (\$5,480); and painting (\$2,000) and site work/trash disposal (\$2,000) which will be done in house.</p> <p>It is anticipated that this upgrade will result in ongoing operational savings, which will be determined during a future CIP budget cycle.</p> <p>Increased costs (\$6,120) due to vendor contract quote increases in 2017</p> |                                                                                             |                                                                                                                                                     |                                                  |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                                  |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>2016</b>                                                                                 | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>                           |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>2018</b>                                                                                 | Labor                                                                                                                                               | <b>6006016.9621</b>                              |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>20</b>                                                                                   | Materials                                                                                                                                           | <b>6006016.9621</b>                              |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>105,000</b>                                                                              | Other Contracts                                                                                                                                     | <b>6006016.9621</b>                              |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Total Project Cost                                                                                                                                  | <b>\$ 105,000</b>                                |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>105,000</b>                                                                              | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                                  |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |                                                                                                                                                     |                                                  |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                  |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                                      |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                                  |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                  |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                  |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                                  |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                                  |
| OTHER (Specify) <b>DEMEC/CAC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             | <b>105,000</b>                                                                                                                                      |                                                  |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                  |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                                                    | <b>105,000</b>                                                                                                                                      | <b>-</b>                                         |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                                  |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                                  |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                                      |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                                  |

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                         |                                                                                             | DIVISION: <b>FACILITIES MAINTENANCE</b>                                                                                                             |                                     |
| PROJECT NO:<br><b>NEQSF</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>VEHICLE REPLACEMENT PROGRAM</b>                                        |                                                                                                                                                     | PROJECT LOCATION:<br><b>VARIOUS</b> |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                                                             |                                                                                                                                                     | <b>New Project</b>                  |
| PRIORITY: <b>4 - Medium</b>                                                                                                                                                                                                                                                                                                                                                           | This project is a NEED and not a WANT, but no significant risk in the deferral of this item |                                                                                                                                                     |                                     |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                                                             |                                                                                                                                                     | <b>Not Applicable</b>               |
| <p>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</p> <p>Facilities Vehicle Replacement (Van) - This van is used by custodial crews and carpenters for hauling equipment between various locations. Van is rusting and is in need of replacement.</p> <p>Planned purchase/replacement in annual vehicle and equipment sinking fund.</p>                                          |                                                                                             |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                                                             | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                                     |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | <b>ONGOING</b>                                                                              | <b>CLASSIFICATION</b>                                                                                                                               | <b>ACCOUNT NUMBERS</b>              |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | <b>ONGOING</b>                                                                              | Labor                                                                                                                                               |                                     |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | <b>10</b>                                                                                   | Materials                                                                                                                                           |                                     |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | <b>30,000</b>                                                                               | Other Contracts                                                                                                                                     | <b>6006016.9620</b>                 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                                                             | Total Project Cost <b>\$ 30,000</b>                                                                                                                 |                                     |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | <b>30,000</b>                                                                               | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                                     |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                                                             |                                                                                                                                                     |                                     |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                                                                                                                     |                                     |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                                                                    | <b>2018</b>                                                                                                                                         | <b>2019</b>                         |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                     |                                     |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                     |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             | <b>30,000</b>                                                                                                                                       |                                     |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                     |                                     |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                                                             |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                     |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                     |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                                                                    | <b>30,000</b>                                                                                                                                       | <b>-</b>                            |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                                                             |                                                                                                                                                     |                                     |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                                                             |                                                                                                                                                     |                                     |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                                                                 | <b>2019</b>                                                                                                                                         | <b>2020</b>                         |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                                                             |                                                                                                                                                     |                                     |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, MAINTENANCE FUND**

| VEH<br>NUMB                                 | DESCRIPTION                      | PURCHASE<br>DATE | PURCHASE<br>PRICE | MILEAGE<br>AS OF<br>08/31/17 | EST<br>MILEAGE<br>AT REPL | NORMAL<br>YEARS<br>LIFE | NORMAL<br>REPL<br>YEAR | BUDGET<br>REPL<br>YEAR | REPLACEMENT COSTS      |                        |                   |                   |                   |
|---------------------------------------------|----------------------------------|------------------|-------------------|------------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------|-------------------|-------------------|
|                                             |                                  |                  |                   |                              |                           |                         |                        |                        | 2018                   | 2019                   | 2020              | 2021              | 2022              |
|                                             | MECHANICS                        |                  |                   |                              |                           |                         |                        |                        |                        |                        |                   |                   |                   |
| 650                                         | 2006 Ford F350 Pickup Truck      | 01/19/06         | 17,805            | 50,945                       | 89,000                    | 10                      | 2016                   | 2018                   |                        | 40,000                 |                   |                   |                   |
| 652                                         | 2016 Ford F350 Super Duty Pickup | 11/05/15         | 35,388            | 8,022                        | 75,000                    | 10                      | 2026                   | 2026                   |                        |                        |                   |                   |                   |
| <b>TOTAL FLEET MANAGEMENT DIVISION</b>      |                                  |                  |                   |                              |                           |                         |                        |                        | <u><b>\$0</b></u>      | <u><b>\$40,000</b></u> | <u><b>\$0</b></u> | <u><b>\$0</b></u> | <u><b>\$0</b></u> |
| 841                                         | 2004 Ford E250 Van               | 07/08/04         | 14,196            | 58,336                       | 64,000                    | 12                      | 2016                   | 2018                   | 30,000                 |                        |                   |                   |                   |
| 842                                         | 2016 Ford F250 4X4 Pickup        | 01/22/16         | 23,535            | 3,937                        | 70,000                    | 12                      | 2028                   | 2028                   |                        |                        |                   |                   |                   |
| <b>TOTAL FACILITIES MANAGEMENT DIVISION</b> |                                  |                  |                   |                              |                           |                         |                        |                        | <u><b>\$30,000</b></u> | <u><b>\$0</b></u>      | <u><b>\$0</b></u> | <u><b>\$0</b></u> | <u><b>\$0</b></u> |
| <b>TOTAL MAINTENANCE FUND</b>               |                                  |                  |                   |                              |                           |                         |                        |                        | <u><b>\$30,000</b></u> | <u><b>\$40,000</b></u> | <u><b>\$0</b></u> | <u><b>\$0</b></u> | <u><b>\$0</b></u> |

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**CITY OF NEWARK, DELAWARE  
CAPITAL IMPROVEMENTS PROGRAM 2018-2022  
OTHER DEPARTMENTS-GENERAL FUND**

| PROJECT #/PROJECT NAME/JUSTIFICATION CODE |                             |   | 2017<br>BUDGET | -----2018-----              |                    | FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM |          |          |          |      |           |
|-------------------------------------------|-----------------------------|---|----------------|-----------------------------|--------------------|----------------------------------------|----------|----------|----------|------|-----------|
|                                           |                             |   |                | RESERVES &<br>OTHER FUNDING | CURRENT<br>FUNDING | R E C O M M E N D E D F U N D I N G    |          |          |          |      |           |
|                                           |                             |   |                |                             |                    | 2018                                   | 2019     | 2020     | 2021     | 2022 | TOTAL     |
| BEQSF                                     | Vehicle Replacement Program | D | \$50,000       | \$52,000                    | \$0                | \$52,000                               | \$70,000 | \$25,000 | \$25,000 | \$0  | \$172,000 |
|                                           | Total Other Departments     |   | \$50,000       | \$52,000                    | \$0                | \$52,000                               | \$70,000 | \$25,000 | \$25,000 | \$0  | \$172,000 |
| GROSS CAPITAL IMPROVEMENTS                |                             |   | \$50,000       | \$52,000                    | \$0                | \$52,000                               | \$70,000 | \$25,000 | \$25,000 | \$0  | \$172,000 |
| LESS: USE OF RESERVES                     |                             |   | 0              | 0                           | 0                  | 0                                      | 0        | 0        | 0        | 0    | 0         |
| VEHICLE/EQUIPMENT REPLACEMENT             |                             |   | (50,000)       | (52,000)                    | 0                  | (52,000)                               | (70,000) | (25,000) | (25,000) | 0    | (172,000) |
| GRANTS                                    |                             |   | 0              | 0                           | 0                  | 0                                      | 0        | 0        | 0        | 0    | 0         |
| BOND ISSUES                               |                             |   | 0              | 0                           | 0                  | 0                                      | 0        | 0        | 0        | 0    | 0         |
| OTHER FINANCING SOURCES                   |                             |   | 0              | 0                           | 0                  | 0                                      | 0        | 0        | 0        | 0    | 0         |
| NET CAPITAL IMPROVEMENTS                  |                             |   | \$0            | \$0                         | \$0                | \$0                                    | \$0      | \$0      | \$0      | \$0  | \$0       |

## Justification Codes:

A - Return on Investment - Overall Savings

B - Public Safety

C - Community Health

D - Efficiency/Other

## CITY OF NEWARK, DELAWARE

### CAPITAL BUDGET - PROJECT DETAIL

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                                                                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| DEPARTMENT: <b>PLANNING &amp; DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                         |                                                      | DIVISION: <b>CODE ENFORCEMENT</b>                                                                                                                   |                         |
| PROJECT NO:<br><b>BEQSF</b>                                                                                                                                                                                                                                                                                                                                                           | PROJECT TITLE:<br><b>VEHICLE REPLACEMENT PROGRAM</b> |                                                                                                                                                     | PROJECT LOCATION:       |
| PROJECT STATUS (SELECT FROM DROP DOWN):                                                                                                                                                                                                                                                                                                                                               |                                                      |                                                                                                                                                     |                         |
| PRIORITY: <b>1 - Highest Priority Level</b>                                                                                                                                                                                                                                                                                                                                           |                                                      | Project underway and must be completed                                                                                                              |                         |
| COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:                                                                                                                                                                                                                                                                                                                                    |                                                      | Sustainable Community                                                                                                                               |                         |
| <p><b>Charter § 806.1(2) DESCRIPTION &amp; JUSTIFICATION:</b></p> <p>Planned advance funding accumulated through depreciation to replace essential equipment when necessary.</p> <p>Vehicles to be replaced:</p> <p>#839 - Small sport utility (Jeep Liberty) - \$25,000</p> <p>#836 - Small sport utility (Jeep Cherokee) - \$27,000</p>                                             |                                                      |                                                                                                                                                     |                         |
| <b>§ 806.1(3) SUMMARY OF PROJECT DATA</b>                                                                                                                                                                                                                                                                                                                                             |                                                      | <b>PROJECT COST BY CATEGORY</b>                                                                                                                     |                         |
| First Year in Program                                                                                                                                                                                                                                                                                                                                                                 | Ongoing                                              | CLASSIFICATION                                                                                                                                      | ACCOUNT NUMBERS         |
| Est. Completion Date                                                                                                                                                                                                                                                                                                                                                                  | Ongoing                                              | Labor                                                                                                                                               | AMOUNT                  |
| Est. Useful Life (in years)                                                                                                                                                                                                                                                                                                                                                           | VARIOUS                                              | Materials                                                                                                                                           |                         |
| Est. Total Cost                                                                                                                                                                                                                                                                                                                                                                       | 172,000                                              | Other Contracts                                                                                                                                     | 3063026.9623 \$ 172,000 |
| Est. Spend @ 12/31 (if underway) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                         |                                                      | Total Project Cost \$ 172,000                                                                                                                       |                         |
| Balance to be funded <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                     | 172,000                                              | <sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. |                         |
| % Complete (if underway)                                                                                                                                                                                                                                                                                                                                                              |                                                      |                                                                                                                                                     |                         |
| <b>PROJECT FINANCING BY PLAN YEAR</b>                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                                                                                                                                     |                         |
| <b>§ 806.1(3) SOURCE OF FUNDS</b>                                                                                                                                                                                                                                                                                                                                                     | <b>PRIOR<sup>2</sup></b>                             | <b>2018</b>                                                                                                                                         | <b>2019</b>             |
| CURRENT RESOURCES                                                                                                                                                                                                                                                                                                                                                                     |                                                      |                                                                                                                                                     |                         |
| CAPITAL RESERVES                                                                                                                                                                                                                                                                                                                                                                      |                                                      |                                                                                                                                                     |                         |
| EQUIPMENT REPLACEMENT                                                                                                                                                                                                                                                                                                                                                                 |                                                      | 52,000                                                                                                                                              | 70,000                  |
| BOND ISSUES                                                                                                                                                                                                                                                                                                                                                                           |                                                      |                                                                                                                                                     |                         |
| GRANTS (Specify)                                                                                                                                                                                                                                                                                                                                                                      |                                                      |                                                                                                                                                     |                         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                                                                                                                                     |                         |
| OTHER (Specify)                                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                                                                                                                                     |                         |
| <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>-</b>                                             | <b>52,000</b>                                                                                                                                       | <b>70,000</b>           |
| <p><sup>2</sup>"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."</p> |                                                      |                                                                                                                                                     |                         |
| <b>§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET</b>                                                                                                                                                                                                                                                                                                   |                                                      |                                                                                                                                                     |                         |
| <b>OPERATING IMPACT</b>                                                                                                                                                                                                                                                                                                                                                               | <b>2018</b>                                          | <b>2019</b>                                                                                                                                         | <b>2020</b>             |
| INCREMENTAL COSTS (NET SAVINGS)                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                                                                                                                                     |                         |

**CITY OF NEWARK, DELAWARE**  
**VEHICLE REPLACEMENT PROGRAM SCHEDULE 2018-2022**  
**OTHER DEPARTMENTS**

| VEH                               |                                                        | PURCHASE    | PURCHASE | MILEAGE  | EST     | NORMAL | NORMAL | BUDGET | REPLACEMENT COSTS |           |          |           |      |
|-----------------------------------|--------------------------------------------------------|-------------|----------|----------|---------|--------|--------|--------|-------------------|-----------|----------|-----------|------|
| NUMB                              | DESCRIPTION                                            | DATE        | PRICE    | AS OF    | MILEAGE | YEARS  | REPL   | REPL   | 2018              | 2019      | 2020     | 2021      | 2022 |
|                                   |                                                        |             |          | 08/31/17 | AT REPL | LIFE   | YEAR   | YEAR   |                   |           |          |           |      |
| CODE ENFORCEMENT DIVISION:        |                                                        |             |          |          |         |        |        |        |                   |           |          |           |      |
| 803                               | 2007 Dodge Durango                                     | 02/09/07    | 20,545   | 37,539   | 70,000  | 9      | 2016   | 2019   |                   | 25,000    |          |           |      |
| 804                               | 2005 Dodge Neon Sedan                                  | 05/12/05    | 10,043   | 63,558   | 70,000  | 12     | 2017   | 2020   |                   |           | 25,000   |           |      |
| 827                               | 2012 Toyota Camry Hybrid                               | 03/19/12    | 24,718   | 8,187    | 70,000  | 10     | 2022   | 2019   |                   | 20,000    |          |           |      |
| 836                               | 2002 Jeep Liberty                                      | 04/26/02    | 18,541   | 86,151   | 75,000  | 12     | 2014   | 2018   | 27,000            |           |          |           |      |
| 837                               | 2017 Ford Fusion                                       | 08/04/17    | 17,779   | 930      | 70,000  | 12     | 2029   | 2029   |                   |           |          |           |      |
| 838                               | 2009 Ford Focus                                        | 04/03/09    | 12,369   | 26,813   | 75,000  | 12     | 2021   | 2021   |                   |           |          | 25,000    |      |
| 839                               | 2001 Jeep Cherokee                                     | a. 02/09/01 | 18,814   | 57,549   | 65,000  | 12     | 2013   | 2018   | 25,000            |           |          |           |      |
| 840                               | 2001 Jeep Cherokee                                     | 02/09/01    | 18,814   | 41,848   | 65,000  | 12     | 2013   | 2019   |                   | 25,000    |          |           |      |
| TOTAL CODE ENFORCEMENT DIVISION   |                                                        |             |          |          |         |        |        |        | \$52,000          | \$70,000  | \$25,000 | \$25,000  | \$0  |
| FINANCE DEPARTMENT:               |                                                        |             |          |          |         |        |        |        |                   |           |          |           |      |
| 1056                              | 2009 Ford Focus                                        | 04/03/09    | 12,369   | 47,689   | 75,000  | 12     | 2021   | 2023   |                   |           |          |           |      |
| TOTAL FINANCE DEPARTMENT          |                                                        |             |          |          |         |        |        |        | \$0               | \$0       | \$0      | \$0       | \$0  |
| UNICITY TRANSPORTATION FUND       |                                                        |             |          |          |         |        |        |        |                   |           |          |           |      |
| 1301                              | 2018 International Mini-Bus                            | 03/09/17    | 113,426  | 1,755    | 100,000 | 7      | 2024   | 2024   |                   |           |          |           |      |
| 1304                              | 2013 International Mini-Bus                            | 02/16/12    | 104,730  | 87,986   | 100,000 | 7      | 2019   | 2019   |                   | 120,000   |          |           |      |
| 1305                              | 2015 International Mini-Bus                            | 06/30/14    | 110,342  | 50,311   | 100,000 | 7      | 2021   | 2021   |                   |           |          | 130,000   |      |
|                                   | Less Unicity Transportation Grant Funding              |             |          |          |         |        |        |        |                   | (120,000) |          | (130,000) |      |
| TOTAL UNICITY TRANSPORTATION FUND |                                                        |             |          |          |         |        |        |        | \$0               | \$0       | \$0      | \$0       | \$0  |
| TOTAL OTHER DEPARTMENTS           |                                                        |             |          |          |         |        |        |        | \$52,000          | \$70,000  | \$25,000 | \$25,000  | \$0  |
|                                   | a. Vehicle was number 1017 in Finance Department       |             |          |          |         |        |        |        |                   |           |          |           |      |
|                                   | b. Vehicle was number 827 in Code Enforcement Division |             |          |          |         |        |        |        |                   |           |          |           |      |
|                                   | c. Vehicle was number 1018 in Finance Department       |             |          |          |         |        |        |        |                   |           |          |           |      |

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**CITY OF NEWARK, DELAWARE  
CAPITAL IMPROVEMENTS PROGRAM 2018-2022  
DOCUMENT VERSION CONTROL**

| Date:                                                                                                                          | Description of Change(s):               |                                                                             |                                |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------|--------------------------------|
| 10/5/2017                                                                                                                      | Version: Planning Commission            | Detail: Initial Submission to Planning Commission                           |                                |
| 10/6/2017                                                                                                                      | Version: Planning Commission            | Detail: The following updates were made to the pages and data listed below: |                                |
| Description of Change(s):                                                                                                      |                                         |                                                                             |                                |
| Page Number: 51                                                                                                                |                                         | Sheet: PWWR - Stormwater Summary Sheet                                      | Division: Stormwater           |
| Updated future years recommended funding sources for:                                                                          |                                         |                                                                             |                                |
|                                                                                                                                | Funding Year: 2019                      | Previous Amount:                                                            | \$0.00                         |
|                                                                                                                                | Funding Source: "LESS: USE OF RESERVES" | Updated Amount:                                                             | -\$40,000.00                   |
| *Please note that the above listed changes will also impact the subtotals on this sheet for the rows and the columns impacted  |                                         |                                                                             |                                |
| Page Number: 29                                                                                                                |                                         | Sheet: PWWR - Water Summary Sheet                                           | Division: Water                |
| Updated future years recommended funding sources for:                                                                          |                                         |                                                                             |                                |
|                                                                                                                                | Funding Year: 2019                      | Previous Amount:                                                            | -\$131,220.00                  |
|                                                                                                                                | Funding Source: "LESS: USE OF RESERVES" | Updated Amount:                                                             | -\$5,000.00                    |
|                                                                                                                                | Funding Year: 2019                      | Previous Amount:                                                            | \$0.00                         |
|                                                                                                                                | Funding Source: "GRANTS"                | Updated Amount:                                                             | -\$70,000.00                   |
|                                                                                                                                | Funding Year: 2020                      | Previous Amount:                                                            | -\$220,000.00                  |
|                                                                                                                                | Funding Source: "GRANTS"                | Updated Amount:                                                             | -\$150,000.00                  |
|                                                                                                                                | Funding Year: 2021                      | Previous Amount:                                                            | -\$25,000.00                   |
|                                                                                                                                | Funding Source: "LESS: USE OF RESERVES" | Updated Amount:                                                             | \$0.00                         |
| *Please note that the above listed changes will also impact the subtotals on this sheet for the rows and the columns impacted. |                                         |                                                                             |                                |
| Page Numbers: 1, 4, 5                                                                                                          |                                         | Sheets: Page 1 - CIP Summary, Pages 4 and 5 - Summary by Fund               | Division: Water and Stormwater |
| Totals on pages 1, 4 and 5 were impacted due to the same changes listed above (for pages 29 and 51).                           |                                         |                                                                             |                                |

**CITY OF NEWARK, DELAWARE  
CAPITAL IMPROVEMENTS PROGRAM 2018-2022  
DOCUMENT VERSION CONTROL**

**Date:****Description of Change(s):**

10/12/2017

Version: Planning Commission

Detail: The following updates were made to the pages and data listed below:

**Description of Change(s):**

Page Numbers: 47, 67, 75, 93, 99, 112

Sheet: Specified Division Summary Sheets

Division: Multiple

Updated "2017 Budget" totals on each of the above listed sheets. Previously, projects that were budgeted in 2017 and also completed in 2017 were redacted. For this update, these line items have been readded to the document so that the totals now match the 2017 budget that was presented.

Added the below projects back into the 2017 Budget figures:

Page Number: 47

Division: Sewer

| <u>Project:</u> | <u>Description:</u>         | <u>2017 Budget Amount:</u> |
|-----------------|-----------------------------|----------------------------|
| S1701           | Twin Lakes Pump Station     | \$150,000.00               |
| Q1702           | Storm System Start Up Costs | \$250,000.00               |
| S1501           | Sewer System Master Plan    | \$20,000.00                |
|                 |                             | <b>\$420,000.00</b>        |
|                 |                             | <b>Net Change</b>          |

Page Number: 67

Division: Police

| <u>Project:</u> | <u>Description:</u>                   | <u>2017 Budget Amount:</u> |
|-----------------|---------------------------------------|----------------------------|
| C1701           | Vehicle 940 Addition to Fleet         | \$20,000.00                |
| C1702           | NPD/UDPD 911 Center Co-location Study | \$25,000.00                |
|                 |                                       | <b>\$45,000.00</b>         |
|                 |                                       | <b>Net Change</b>          |

Page Number: 75

Division: Parks

| <u>Project:</u> | <u>Description:</u>                | <u>2017 Budget Amount:</u> |
|-----------------|------------------------------------|----------------------------|
| K1701           | GWC Kitchen Rehabilitation         | \$70,000.00                |
| K1702           | Fence Repair and Construction      | \$15,700.00                |
| K1705           | Preston's Playground Utility Lines | \$160,334.00               |
|                 |                                    | <b>\$246,034.00</b>        |
|                 |                                    | <b>Net Change</b>          |

Page Number: 93

Division: Parking

| <u>Project:</u> | <u>Description:</u>                   | <u>2017 Budget Amount:</u> |
|-----------------|---------------------------------------|----------------------------|
| V1701           | LPR's for Parking Ambassador Vehicles | \$47,850.00                |
| V1601           | Parking Lot Surveillance Cameras      | \$130,000.00               |
|                 |                                       | <b>\$177,850.00</b>        |
|                 |                                       | <b>Net Change</b>          |

Page Number: 99

Division: IT

| <u>Project:</u> | <u>Description:</u>          | <u>2017 Budget Amount:</u> |
|-----------------|------------------------------|----------------------------|
| I1702           | Property Management Software | \$317,500.00               |
| I1704           | Cameras                      | \$80,000.00                |
| I1604           | City-Leased Fiber Network    | \$100,000.00               |
|                 |                              | <b>\$497,500.00</b>        |
|                 |                              | <b>Net Change</b>          |

Page Number: 112

Division: Facilities Maintenance

| <u>Project:</u> | <u>Description:</u>                     | <u>2017 Budget Amount:</u> |
|-----------------|-----------------------------------------|----------------------------|
| N1601           | Municipal Building Improvements (B1601) | \$70,000.00                |
|                 |                                         | <b>\$70,000.00</b>         |
|                 |                                         | <b>Net Change</b>          |

**CITY OF NEWARK, DELAWARE  
CAPITAL IMPROVEMENTS PROGRAM 2018-2022  
DOCUMENT VERSION CONTROL**

| Date:                                                                                                                                   | Description of Change(s):    |                                                                                  |                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 10/12/2017<br>(continued)                                                                                                               | Version: Planning Commission |                                                                                  |                                                                                  |
| <b>Description of Change(s):</b>                                                                                                        |                              |                                                                                  |                                                                                  |
| Page Numbers: 1, 4, 5                                                                                                                   |                              | Sheet: City of Newark Combined Summary Sheets                                    | Division: Multiple                                                               |
| Column "2017 Budget" totals on pages 1, 4 and 5 were impacted due to the same changes listed above (for pages 47, 67, 75, 93, 99, 112). |                              |                                                                                  |                                                                                  |
| Page Number: 3                                                                                                                          |                              | Sheet: Five Year Proposed Summary by Fund - Governmental Funds                   | Fund: Capital Projects Fund                                                      |
| The Capital Projects Fund on this sheet was updated as a result of the above listed changes made on 10/12/2017.                         |                              |                                                                                  |                                                                                  |
| 10/17/2017                                                                                                                              | Version: Planning Commission |                                                                                  | Detail: The following updates were made to the pages and data listed below:      |
| <b>Description of Change(s):</b>                                                                                                        |                              |                                                                                  |                                                                                  |
| Sheet: Capital Project Detail Sheets                                                                                                    |                              | Division: Parks & Recreation                                                     |                                                                                  |
| The below Capital Project sheets have been updated. The project "priority" designation has been updated for each.                       |                              |                                                                                  |                                                                                  |
| Page Number: 76<br>Project: K1704<br>Previous Priority: 2<br>Updated Priority: 4                                                        |                              | Page Number: 80<br>Project: K1605<br>Previous Priority: 2<br>Updated Priority: 4 | Page Number: 82<br>Project: K1502<br>Previous Priority: 3<br>Updated Priority: 4 |
| Page Number: 86<br>Project: K1305<br>Previous Priority: 2<br>Updated Priority: 4                                                        |                              | Page Number: 85<br>Project: K1303<br>Previous Priority: 2<br>Updated Priority: 3 | Page Number: 81<br>Project: K1501<br>Previous Priority: 3<br>Updated Priority: 4 |
| Page Number: 88<br>Project: K1202<br>Previous Priority: 3<br>Updated Priority: 4                                                        |                              | Page Number: 90<br>Project: K0908<br>Previous Priority: 1<br>Updated Priority: 2 | Page Number: 89<br>Project: K1203<br>Previous Priority: 1<br>Updated Priority: 4 |

**CITY OF NEWARK, DELAWARE  
CAPITAL IMPROVEMENTS PROGRAM 2018-2022  
DOCUMENT VERSION CONTROL**

| Date:                     | Description of Change(s):                                                                   |                                                |                  |                                  |
|---------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------|------------------|----------------------------------|
| 10/17/2017<br>(continued) | Version: Planning Commission                                                                |                                                |                  |                                  |
|                           | Page Number: 105                                                                            | CIP Sheet: Virtual Environment Host Replacment | Project: I1601   | Division: Information Technology |
|                           | Updated the "Project Financing by Plan Year" recommended funding sources for the following: |                                                |                  |                                  |
|                           |                                                                                             | Funding Year: 2020                             | Previous Amount: | \$75,000.00                      |
|                           |                                                                                             | Funding Source: "LESS: USE OF RESERVES"        | Updated Amount:  | \$8,000.00                       |
|                           |                                                                                             | Funding Year: 2020                             | Previous Amount: | \$0.00                           |
|                           |                                                                                             | Funding Source: "EQUIPMENT REPLACEMENT"        | Updated Amount:  | \$67,000.00                      |
|                           | Page Number: 107                                                                            | CIP Sheet: Disaster Recovery and Planning      | Project: I1606   | Division: Information Technology |
|                           | Updated the "Project Financing by Plan Year" recommended funding sources for the following: |                                                |                  |                                  |
|                           |                                                                                             | Funding Year: 2020                             | Previous Amount: | \$75,000.00                      |
|                           |                                                                                             | Funding Source: "CURRENT RESOURCES"            | Updated Amount:  | \$25,000.00                      |
|                           |                                                                                             | Funding Year: 2020                             | Previous Amount: | \$0.00                           |
|                           |                                                                                             | Funding Source: "EQUIPMENT REPLACEMENT"        | Updated Amount:  | \$50,000.00                      |