



CAPITAL IMPROVEMENT PROGRAM (CIP)

PROJECT DETAIL

2020-2024

BUDGET HEARING 1

NOVEMBER 4, 2019

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**CITY OF NEWARK
DELAWARE**

October 2, 2019

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 2020-2024 Capital Improvement Plan

The first draft of the 2020-2024 Capital Improvement Plan (CIP) for the City of Newark is attached for your review in advance of the October 15, 2019 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 2020.

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 future operating budget impact resulting from the project, if applicable. The 2020 CIP shows only minor changes from what was presented to the Planning Commission in 2019. The successful referendum in June 2018 provided a path forward to blend debt financing into our Capital budget, providing more predictable funding and smoothing out year to year fluctuations in spending. The 2020-2024 Capital Improvement Plan balances the City's use of reserve spending, along with the responsible use of the State Revolving Loan Program/bond authorizations for selected projects.

Your review of this document is sincerely appreciated. We look forward to presenting the highlights and answering questions you have on the evening of October 15, 2019. To maximize efficiencies, save money, and "be green," this document is only being provided electronically 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

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**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY
2020 - 2024**

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

	FUNDING SUMMARY					
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 12,109,568	\$ 15,051,859	\$ 10,450,912	\$ 8,268,459	\$ 26,006,884	\$ 71,887,682
*Prior Authorized Balance:	\$ 8,704,097	\$ 35,388	\$ -	\$ 2,000,000	\$ -	\$ 10,739,485
2019-2023 Funding:	\$ 20,813,665	\$ 15,087,247	\$ 10,450,912	\$ 10,268,459	\$ 26,006,884	\$ 82,627,167
*Prior Authorized Balance includes 2019 carryover funding only.						

	2019 BUDGET AMENDED	-----2020-----		P R O P O S E D B U D G E T S					TOTAL PROPOSED AMOUNTS
		RESERVES & OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	
ELECTRIC FUND	\$ 1,428,444	\$ 423,890	\$ 1,057,716	\$ 1,481,606	\$ 975,000	\$ 1,410,000	\$ 3,038,000	\$ 15,945,000	\$ 22,849,606
WATER FUND	5,329,155	4,886,241	147,155	5,033,396	2,569,000	4,229,000	1,554,000	3,000,000	16,385,396
SEWER FUND	1,355,000	1,000,000	-	1,000,000	800,000	800,000	1,300,000	1,350,000	5,250,000
STORMWATER FUND	5,784,500	6,027,353	516,053	6,543,406	645,000	570,000	640,000	870,000	9,268,406
PUBLIC WORKS - GENERAL FUND	2,179,150	1,302,545	494,903	1,797,448	2,988,736	1,918,178	2,582,441	3,475,000	12,761,803
POLICE DEPARTMENT	613,324	205,732	400,232	605,964	4,979,403	207,734	735,568	681,884	7,210,553
PARKS & RECREATION DEPARTMENT	1,947,500	1,999,954	513,000	2,512,954	1,334,108	1,301,000	343,450	495,000	5,986,512
PARKING FUND	718,116	137,242	206,149	343,391	183,000	-	-	40,000	566,391
INFORMATION TECHNOLOGY DIVISION	108,200	-	247,500	247,500	248,000	-	-	-	495,500
MAINTENANCE FUND	591,000	1,225,000	3,000	1,228,000	185,000	15,000	40,000	-	1,468,000
OTHER DEPARTMENTS/DIVISIONS	155,000	16,148	3,852	20,000	180,000	-	35,000	150,000	385,000
GROSS CAPITAL IMPROVEMENTS	<u>\$ 20,209,389</u>	<u>\$ 17,224,105</u>	<u>\$ 3,589,560</u>	<u>\$ 20,813,665</u>	<u>\$ 15,087,247</u>	<u>\$ 10,450,912</u>	<u>\$ 10,268,459</u>	<u>\$ 26,006,884</u>	<u>\$ 82,627,167</u>

PLANNED FINANCING SOURCES:									
GROSS CAPITAL IMPROVEMENTS	\$ 20,209,389	\$ 17,224,105	\$ 3,589,560	\$ 20,813,665	\$ 15,087,247	\$ 10,450,912	\$ 10,268,459	\$ 26,006,884	\$ 82,627,167
LESS: USE OF RESERVES	(1,363,330)	(654,726)	-	(654,726)	(281,030)	(43,223)	(2,286,446)	(223,995)	(3,489,420)
VEHICLE & EQUIPMENT REPLACEMENT	(1,001,105)	(730,778)	-	(730,778)	(1,386,692)	(445,466)	(1,204,613)	(1,972,120)	(5,739,669)
GRANTS	(1,825,744)	(2,021,076)	-	(2,021,076)	(875,673)	(585,000)	(575,000)	(639,073)	(4,695,822)
BOND ISSUES	(680,650)	(767,947)	-	(767,947)	(414,736)	(368,178)	(107,181)	(15,700,000)	(17,358,042)
STATE REVOLVING LOAN	(10,625,000)	(11,360,048)	-	(11,360,048)	(2,650,000)	(4,325,000)	-	-	(18,335,048)
OTHER FINANCING SOURCES	(687,000)	(1,689,530)	-	(1,689,530)	(4,473,000)	(270,000)	(220,000)	(100,000)	(6,752,530)
NET CAPITAL IMPROVEMENTS	<u>\$ 4,026,560</u>	<u>\$ -</u>	<u>\$ 3,589,560</u>	<u>\$ 3,589,560</u>	<u>\$ 5,006,116</u>	<u>\$ 4,414,045</u>	<u>\$ 5,875,219</u>	<u>\$ 7,371,696</u>	<u>\$ 26,256,636</u>

CITY OF NEWARK, DELAWARE
SUMMARY OF VEHICLE AND EQUIPMENT REPLACEMENT PROGRAM SCHEDULE
CAPITAL PROGRAM YEARS 2020 - 2024

VEHICLE REPLACEMENT PROGRAM BY DEPARTMENT/DIVISION	R E P L A C E M E N T C O S T S					
	2020	2021	2022	2023	2024	TOTAL
Electric Department	\$ 297,000	\$ 220,000	\$ 250,000	\$ 338,000	\$ 100,000	\$ 1,205,000
(Public Works and Water Resources) - Water Division	302,701	100,000	50,000	50,000	-	502,701
(Public Works and Water Resources) - Sewer Division	-	-	-	300,000	350,000	650,000
(Public Works and Water Resources) - Stormwater Division	30,000	-	-	45,000	250,000	325,000
(Public Works and Water Resources) - Refuse Division	-	655,000	-	-	1,200,000	1,855,000
(Public Works and Water Resources) - Street Division	-	429,000	60,000	611,000	350,000	1,450,000
(Public Works and Water Resources) - Engineering Division	-	-	-	35,000	-	35,000
Police Department	152,000	281,000	52,000	585,000	640,000	1,710,000
Parks and Recreation Department	40,000	30,000	145,000	155,000	25,000	395,000
(Planning and Development) - Parking Division	51,000	-	-	-	40,000	91,000
(Public Works and Water Resources) - Fleet Maintenance Division	-	-	-	-	-	-
(Administrative) - Facilities Maintenance Division	-	35,000	-	-	-	35,000
Other Departments/Divisions	20,000	180,000	-	35,000	150,000	385,000
Gross Acquisition Costs for Vehicles	892,701	1,930,000	557,000	2,154,000	3,105,000	8,638,701
Less: Use of Capital Reserves	(15,050)	(281,030)	(43,223)	(286,446)	(223,995)	(849,744)
Less: Use of Grant Funding	(25,333)	(114,073)	-	-	(114,073)	(253,479)
Less: Use of Current Resources	(183,720)	(318,354)	(105,661)	(695,125)	(836,696)	(2,139,556)
Net Vehicle Replacement Program	\$ 668,598	\$ 1,216,543	\$ 408,116	\$ 1,172,429	\$ 1,930,236	\$ 5,395,922
<u>Equipment Replacement Program by Department/Division</u>						
Police Department	62,180	53,210	37,377	32,199	41,916	226,882
Finance Department - Information Technology Division	-	117,000	-	-	-	117,000
Net Equipment Replacement Program	\$ 62,180	\$ 170,210	\$ 37,377	\$ 32,199	\$ 41,916	\$ 343,882
Total Equipment and Vehicle Replacement Program	\$ 730,778	\$ 1,386,753	\$ 445,493	\$ 1,204,628	\$ 1,972,152	\$ 5,739,804

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
FIVE YEAR PROPOSED SUMMARY BY FUND - GOVERNMENTAL FUNDS (with current year amended budget)

	2019 BUDGET AS AMENDED	-----2020-----		PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
		RESERVES & OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	
COMMUNITY DEVELOPMENT FUND:									
GROSS CAPITAL IMPROVEMENTS	\$ 25,000	\$ 25,000	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-	-
GRANTS	(25,000)	(25,000)	-	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(125,000)
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>
LAW ENFORCEMENT FUND:									
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>
PARKS SPECIAL REVENUE FUND:									
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>
CAPITAL PROJECTS FUND:									
GROSS CAPITAL IMPROVEMENTS	\$ 4,848,174	\$ 3,499,379	\$ 1,659,487	\$ 5,158,866	\$ 9,575,247	\$ 3,401,912	\$ 3,671,459	\$ 4,626,884	\$ 26,434,368
LESS: USE OF RESERVES	(382,493)	(287,259)	-	(287,259)	(244,299)	(43,223)	(286,446)	(188,068)	(1,049,295)
VEHICLE & EQUIPMENT REPLACEMENT	(586,949)	(223,430)	-	(223,430)	(1,150,288)	(230,967)	(942,597)	(1,581,927)	(4,129,209)
GRANTS	(1,566,671)	(1,880,743)	-	(1,880,743)	(581,600)	(560,000)	(500,000)	(500,000)	(4,022,343)
BOND ISSUES	(405,650)	(647,947)	-	(647,947)	(414,736)	(368,178)	(107,181)	-	(1,538,042)
OTHER FINANCING SOURCES	(450,000)	(460,000)	-	(460,000)	(4,353,000)	(150,000)	(100,000)	(100,000)	(5,163,000)
NET CAPITAL IMPROVEMENTS	<u>\$ 1,456,411</u>	<u>\$ -</u>	<u>\$ 1,659,487</u>	<u>\$ 1,659,487</u>	<u>\$ 2,831,324</u>	<u>\$ 2,049,544</u>	<u>\$ 1,735,235</u>	<u>\$ 2,256,889</u>	<u>\$ 10,532,479</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE FUNDS (with current year amended budget)

2019 BUDGET AS AMENDED		-----2020-----		PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
		RESERVES & OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	
ELECTRIC UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	\$ 1,428,444	\$ 423,890	\$ 1,057,716	\$ 1,481,606	\$ 975,000	\$ 1,410,000	\$ 3,038,000	\$ 15,945,000	\$ 22,849,606
LESS: USE OF RESERVES	(40,444)	(64,606)	-	(64,606)	-	-	(2,000,000)	-	(2,064,606)
VEHICLE & EQUIPMENT REPLACEMENT	(149,600)	(239,284)	-	(239,284)	(162,761)	(176,500)	(216,230)	(56,576)	(851,351)
GRANTS	-	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	(15,700,000)	(15,700,000)
OTHER FINANCING SOURCES	(120,000)	(120,000)	-	(120,000)	(120,000)	(120,000)	(120,000)	-	(480,000)
NET CAPITAL IMPROVEMENTS	<u>\$ 1,118,400</u>	<u>\$ -</u>	<u>\$ 1,057,716</u>	<u>\$ 1,057,716</u>	<u>\$ 692,239</u>	<u>\$ 1,113,500</u>	<u>\$ 701,770</u>	<u>\$ 188,424</u>	<u>\$ 3,753,649</u>
WATER UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	\$ 5,329,155	\$ 4,886,241	\$ 147,155	\$ 5,033,396	\$ 2,569,000	\$ 4,229,000	\$ 1,554,000	\$ 3,000,000	\$ 16,385,396
LESS: USE OF RESERVES	(210,155)	(215,000)	-	(215,000)	-	-	-	-	(215,000)
VEHICLE & EQUIPMENT REPLACEMENT	(85,376)	(213,546)	-	(213,546)	(59,447)	(37,999)	(19,541)	-	(330,533)
GRANTS	(70,000)	(75,000)	-	(75,000)	(50,000)	-	(50,000)	-	(175,000)
BOND ISSUES	-	-	-	-	-	-	-	-	-
STATE REVOLVING LOAN	(4,550,000)	(4,382,695)	-	(4,382,695)	(1,850,000)	(3,525,000)	-	-	(9,757,695)
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 413,624</u>	<u>\$ -</u>	<u>\$ 147,155</u>	<u>\$ 147,155</u>	<u>\$ 609,553</u>	<u>\$ 666,001</u>	<u>\$ 1,484,459</u>	<u>\$ 3,000,000</u>	<u>\$ 5,907,168</u>
SEWER UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	\$ 1,355,000	\$ 1,000,000	\$ -	\$ 1,000,000	\$ 800,000	\$ 800,000	\$ 1,300,000	\$ 1,350,000	\$ 5,250,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	(234,160)	(234,160)
GRANTS	-	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-	-
STATE REVOLVING LOAN	(1,300,000)	(1,000,000)	-	(1,000,000)	(800,000)	(800,000)	-	-	(2,600,000)
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 55,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,300,000</u>	<u>\$ 1,115,840</u>	<u>\$ 2,415,840</u>
STORMWATER UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	\$ 5,784,500	\$ 6,027,353	\$ 516,053	\$ 6,543,406	\$ 645,000	\$ 570,000	\$ 640,000	\$ 870,000	\$ 9,268,406
LESS: USE OF RESERVES	(40,000)	(20,000)	-	(20,000)	-	-	-	-	(20,000)
VEHICLE & EQUIPMENT REPLACEMENT	(161,375)	(13,489)	-	(13,489)	-	-	(26,245)	(75,000)	(114,734)
GRANTS	(50,000)	(16,511)	-	(16,511)	(50,000)	-	-	-	(66,511)
BOND ISSUES	-	-	-	-	-	-	-	-	-
STATE REVOLVING LOAN	(4,775,000)	(5,977,353)	-	(5,977,353)	-	-	-	-	(5,977,353)
OTHER (STORM WATER FEE)	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 758,125</u>	<u>\$ -</u>	<u>\$ 516,053</u>	<u>\$ 516,053</u>	<u>\$ 595,000</u>	<u>\$ 570,000</u>	<u>\$ 613,755</u>	<u>\$ 795,000</u>	<u>\$ 3,089,808</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE AND OTHER FUNDS (with current year amended budget)

		2019 BUDGET AS AMENDED	-----2020-----		PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS								
			RESERVES & OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024									
PARKING FUND:																		
GROSS CAPITAL IMPROVEMENTS	\$	718,116	\$	137,242	\$	206,149	\$	343,391	\$	183,000	\$	-	\$	-	\$	40,000	\$	566,391
LESS: USE OF RESERVES		(652,116)		(67,861)		-		(67,861)		-		-		-		-		(67,861)
VEHICLE & EQUIPMENT REPLACEMENT		-		(41,029)		-		(41,029)		-		-		-		(24,457)		(65,486)
GRANTS		-		(8,822)		-		(8,822)		-		-		-		-		(8,822)
BOND ISSUES		-		-		-		-		-		-		-		-		-
OTHER FINANCING SOURCES		(12,000)		(19,530)		-		(19,530)		-		-		-		-		(19,530)
NET CAPITAL IMPROVEMENTS	\$	<u>54,000</u>	\$	<u>-</u>	\$	<u>206,149</u>	\$	<u>206,149</u>	\$	<u>183,000</u>	\$	<u>-</u>	\$	<u>-</u>	\$	<u>15,543</u>	\$	<u>404,692</u>
MAINTENANCE FUND:																		
GROSS CAPITAL IMPROVEMENTS	\$	591,000	\$	1,225,000	\$	3,000	\$	1,228,000	\$	185,000	\$	15,000	\$	40,000	\$	-	\$	1,468,000
LESS: USE OF RESERVES		(22,195)		-		-		-		(20,804)		-		-		-		(20,804)
VEHICLE & EQUIPMENT REPLACEMENT		(17,805)		-		-		-		(14,196)		-		-		-		(14,196)
GRANTS		-		(15,000)		-		(15,000)		(55,000)		-		-		-		(70,000)
BOND ISSUES		(275,000)		(120,000)		-		(120,000)		-		-		-		-		(120,000)
OTHER FINANCING SOURCES		(105,000)		(1,090,000)		-		(1,090,000)		-		-		-		-		(1,090,000)
NET CAPITAL IMPROVEMENTS	\$	<u>171,000</u>	\$	<u>-</u>	\$	<u>3,000</u>	\$	<u>3,000</u>	\$	<u>95,000</u>	\$	<u>15,000</u>	\$	<u>40,000</u>	\$	<u>-</u>	\$	<u>153,000</u>
TRANSPORTATION FUND:																		
GROSS CAPITAL IMPROVEMENTS	\$	130,000	\$	-	\$	-	\$	-	\$	130,000	\$	-	\$	-	\$	150,000	\$	280,000
LESS: USE OF RESERVES		(15,927)		-		-		-		(15,927)		-		-		(35,927)		(51,854)
VEHICLE & EQUIPMENT REPLACEMENT		-		-		-		-		-		-		-		-		-
GRANTS		(114,073)		-		-		-		(114,073)		-		-		(114,073)		(228,146)
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>

FIVE YEAR SUMMARY BY FUND - TOTAL OF ALL FUNDS (with current year amended budget)

GROSS CAPITAL IMPROVEMENTS	\$ 20,209,389	\$ 17,224,105	\$ 3,589,560	\$ 20,813,665	\$ 15,087,247	\$ 10,450,912	\$ 10,268,459	\$ 26,006,884	\$ 82,627,167
LESS: USE OF RESERVES	(1,363,330)	(654,726)	-	(654,726)	(281,030)	(43,223)	(2,286,446)	(223,995)	(3,489,420)
VEHICLE & EQUIPMENT REPLACEMENT	(1,001,105)	(730,778)	-	(730,778)	(1,386,692)	(445,466)	(1,204,613)	(1,972,120)	(5,739,669)
GRANTS	(1,825,744)	(2,021,076)	-	(2,021,076)	(875,673)	(585,000)	(575,000)	(639,073)	(4,695,822)
BOND ISSUES	(680,650)	(767,947)	-	(767,947)	(414,736)	(368,178)	(107,181)	(15,700,000)	(17,358,042)
STATE REVOLVING LOAN	(10,625,000)	(11,360,048)	-	(11,360,048)	(2,650,000)	(4,325,000)	-	-	(18,335,048)
OTHER FINANCING SOURCES	(687,000)	(1,689,530)	-	(1,689,530)	(4,473,000)	(270,000)	(220,000)	(100,000)	(6,752,530)
NET CAPITAL IMPROVEMENTS	<u>\$ 4,026,560</u>	<u>\$ -</u>	<u>\$ 3,589,560</u>	<u>\$ 3,589,560</u>	<u>\$ 5,006,116</u>	<u>\$ 4,414,045</u>	<u>\$ 5,875,219</u>	<u>\$ 7,371,696</u>	<u>\$ 26,256,636</u>

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY BY FUNCTION
FOR THE FISCAL YEAR 2019**

TOTAL PROJECT COSTS

	FUNDING SUMMARY									
	2020	2020	2020	2020	2020	2020	2020	2020	2020	Total 2020
New Funding:	\$ 25,000	\$ 3,753,031	\$ 1,417,000	\$ 1,788,607	\$ 623,486	\$ 2,931,053	\$ 343,391	\$ 1,228,000	\$ -	\$ 12,109,568
*Prior Authorized Balance:	\$ -	\$ 1,405,835	\$ 64,606	\$ 3,244,789	\$ 376,514	\$ 3,612,353	\$ -	\$ -	\$ -	\$ 8,704,097
2020 Funding:	\$ 25,000	\$ 5,158,866	\$ 1,481,606	\$ 5,033,396	\$ 1,000,000	\$ 6,543,406	\$ 343,391	\$ 1,228,000	\$ -	\$ 20,813,665

*Prior Authorized Balance includes 2018 carryover funding only.

DEPARTMENT/DIVISION	COMMUNITY DEVELOPMENT FUND	CAPITAL PROJECTS FUND	ELECTRIC FUND	WATER FUND	SEWER FUND	STORMWATER FUND	PARKING FUND	MAINTENANCE FUND	TRANSPORTATION FUND	TOTAL
GENERAL GOV'T - FINANCE DEPARTMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GENERAL GOV'T - ADMINISTRATION DEPARTMENT	-	-	-	-	-	-	-	-	-	-
GENERAL GOV'T - INFORMATION TECHNOLOGY DIVISION	-	247,500	-	-	-	-	-	-	-	247,500
GENERAL GOV'T - LEGISLATIVE DEPARTMENT	-	-	-	-	-	-	-	-	-	-
PUBLIC SAFETY - CODE ENFORCEMENT DIVISION	-	20,000	-	-	-	-	-	-	-	20,000
PUBLIC SAFETY - POLICE DEPARTMENT	-	605,964	-	-	-	-	-	-	-	605,964
PUBLIC WORKS - REFUSE DIVISION	-	-	-	-	-	-	-	-	-	-
PUBLIC WORKS - STREET DIVISION	25,000	1,772,448	-	-	-	-	-	-	-	1,797,448
PUBLIC WORKS - ENGINEERING DIVISION	-	-	-	-	-	-	-	-	-	-
CULTURE & RECREATION - PARKS DEPARTMENT	-	2,512,954	-	-	-	-	-	-	-	2,512,954
ELECTRIC FUND	-	-	1,481,606	-	-	-	-	-	-	1,481,606
WATER FUND	-	-	-	5,033,396	-	-	-	-	-	5,033,396
SEWER FUND	-	-	-	-	1,000,000	-	-	-	-	1,000,000
STORMWATER FUND	-	-	-	-	-	6,543,406	-	-	-	6,543,406
PARKING FUND	-	-	-	-	-	-	343,391	-	-	343,391
MAINTENANCE FUND - FLEET MAINTENANCE DIVISION	-	-	-	-	-	-	-	-	-	-
MAINTENANCE FUND - FACILITIES MAINTENANCE DIVISION	-	-	-	-	-	-	-	1,228,000	-	1,228,000
TRANSPORTATION FUND - UNICITY DIVISION	-	-	-	-	-	-	-	-	-	-
	\$ 25,000	\$ 5,158,866	\$ 1,481,606	\$ 5,033,396	\$ 1,000,000	\$ 6,543,406	\$ 343,391	\$ 1,228,000	\$ -	\$ 20,813,665

PLANNED FINANCING SOURCES										
GROSS CAPITAL IMPROVEMENTS	\$ 25,000	\$ 5,158,866	\$ 1,481,606	\$ 5,033,396	\$ 1,000,000	\$ 6,543,406	\$ 343,391	\$ 1,228,000	\$ -	\$ 20,813,665
LESS: USE OF RESERVES	-	(287,259)	(64,606)	(215,000)	-	(20,000)	(67,861)	-	-	(654,726)
VEHICLE & EQUIPMENT REPLACEMENT	-	(223,430)	(239,284)	(213,546)	-	(13,489)	(41,029)	-	-	(730,778)
GRANTS	(25,000)	(1,880,743)	-	(75,000)	-	(16,511)	(8,822)	(15,000)	-	(2,021,076)
BOND ISSUES	-	(647,947)	-	-	-	-	-	(120,000)	-	(767,947)
STATE REVOLVING LOAN	-	-	-	(4,382,695)	(1,000,000)	(5,977,353)	-	-	-	(11,360,048)
OTHER FINANCING SOURCES	-	(460,000)	(120,000)	-	-	-	(19,530)	(1,090,000)	-	(1,689,530)
NET CAPITAL IMPROVEMENTS	\$ -	\$ 1,659,487	\$ 1,057,716	\$ 147,155	\$ -	\$ 516,053	\$ 206,149	\$ 3,000	\$ -	\$ 3,589,560

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

ELECTRIC FUND - ELECTRIC DEPARTMENT

FUNDING SUMMARY					
	2020	2021	2022	2023	2024
New Funding:	\$ 1,417,000	\$ 975,000	\$ 1,410,000	\$ 1,038,000	\$ 15,945,000
*Prior Authorized Balance:	\$ 64,606	\$ -	\$ -	\$ 2,000,000	\$ -
2020-2024 Funding:	\$ 1,481,606	\$ 975,000	\$ 1,410,000	\$ 3,038,000	\$ 15,945,000
*Prior Authorized Balance includes 2019 carryover funding only.					
Total 5 Year					
	\$ 20,785,000	\$ 2,064,606			
	\$ 22,849,606				

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
E2001	New Lines and Services	D	\$ 125,000	\$ -	\$ 130,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 145,000	\$ 695,000
E2002	New Substation	B	-	-	300,000	300,000	-	-	2,000,000	15,700,000	18,000,000
E1911	34kV Line 3402 Capacity Upgrade	D	-	-	-	-	250,000	250,000	-	-	500,000
E1912	35kV Disconnect Switches Replacement - Kershaw Substation	D	-	-	-	-	150,000	150,000	150,000	-	450,000
E1805	Line Extension - UD Farm	D	170,000	-	150,000	150,000	-	-	-	-	150,000
E1806	Christianstead Cable Addition	D	-	-	-	-	50,000	-	-	-	50,000
E1807	Relay Replacements - Kershaw Substation	D	-	-	50,000	50,000	50,000	50,000	50,000	-	200,000
E1808	Voltage Upgrade - North College Avenue	D	-	-	50,000	50,000	-	-	-	-	50,000
E1809	12.47kV Line Extension	D	100,000	-	-	-	-	-	-	-	-
E1810	Lightning Arrestor Replacement	D	-	-	-	-	-	-	235,000	-	235,000
E1602	Circuit Breaker Replacement	D	-	-	70,000	70,000	-	-	-	-	70,000
E1502	Underground Distribution - UD Star Campus	D	120,000	120,000	-	120,000	120,000	120,000	120,000	-	480,000
E1203	CAD Software	D	40,444	40,444	-	40,444	-	-	-	-	40,444
E0503	SCADA and Automatic Switching	D	655,000	-	250,000	250,000	-	450,000	-	-	700,000
E8510	Transformer Maintenance (was once BF#6)	B	-	24,162	-	24,162	-	-	-	-	24,162
EEQSF	Equipment Replacement Program	D	218,000	239,284	57,716	297,000	220,000	250,000	338,000	100,000	1,205,000
Total Electric Fund - Electric Department			\$ 1,428,444	\$ 423,890	\$ 1,057,716	\$ 1,481,606	\$ 975,000	\$ 1,410,000	\$ 3,038,000	\$ 15,945,000	\$ 22,849,606

PLANNED FINANCING SOURCES											
GROSS CAPITAL IMPROVEMENTS	\$	1,428,444	\$	423,890	\$	1,057,716	\$	1,481,606	\$	975,000	\$ 22,849,606
LESS: USE OF RESERVES		(40,444)		(64,606)		-		(64,606)		-	(2,064,606)
VEHICLE & EQUIPMENT REPLACEMENT		(149,600)		(239,284)		-		(239,284)		(162,761)	(851,351)
GRANTS		-		-		-		-		-	-
BOND ISSUES		-		-		-		-		-	-
OTHER FINANCING SOURCES		(120,000)		(120,000)		-		(120,000)		(120,000)	(480,000)
NET CAPITAL IMPROVEMENTS	\$	1,118,400	\$	-	\$	1,057,716	\$	1,057,716	\$	692,239	\$ 3,753,649

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: E2001
PROJECT TITLE: New Lines and Services
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 145,000	\$ 695,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 145,000	\$ 695,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Various locations in the City
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	30 Yrs.
Est. Total Cost:	\$ 820,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 125,000
% Complete (if underway):	15.2%
Balance to be funded ¹ :	\$ 695,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 375,300
Materials:	5195106.9760	\$ 319,700
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 695,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

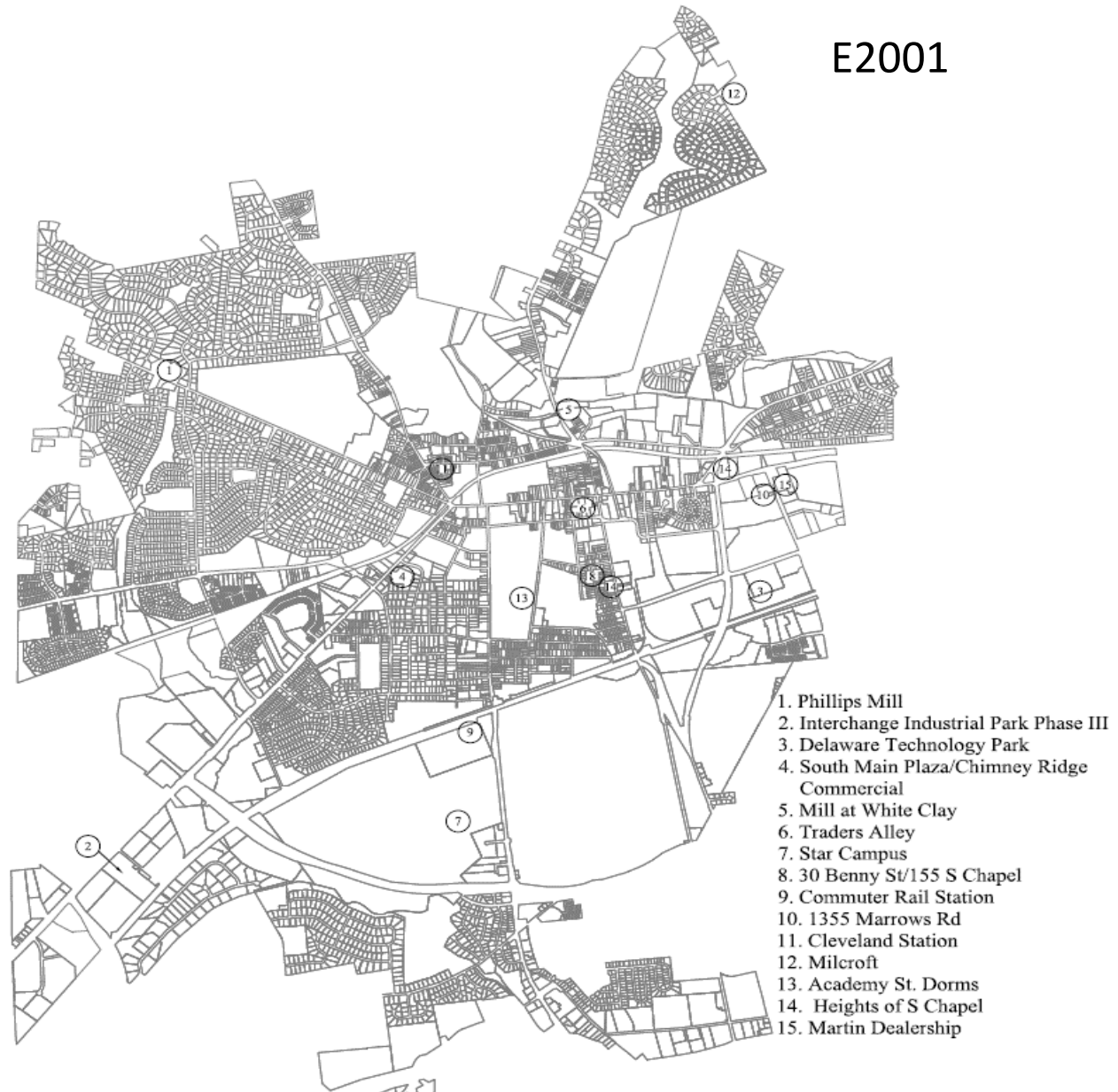
Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	125,000	-	125,000	\$ -	130,000	135,000	140,000	145,000	145,000	\$ 695,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 125,000	\$ -	\$ 125,000	\$ -	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 145,000	\$ 695,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -

E2001: New Lines and Services
Supporting Documentation - Page 1

E2001





PROJECT NO: E2002
PROJECT TITLE: New Substation
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 300,000	\$ -	\$ -	\$ -	\$ 15,700,000	\$ 16,000,000
*Prior Authorized Balance:		\$ -	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000
2020-2024 Funding:	\$ 300,000	\$ -	\$ -	\$ 2,000,000	\$ 15,700,000	\$ 18,000,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Transfer Station on Old S. Chapel St.
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2019
Est. Completion Date:	2024
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 18,000,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 18,000,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		
Materials:		
Other Contracts:	5195106.9730	\$ 18,000,000
TOTAL PROJECT COST		\$ 18,000,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The city needs a new substation to increase system reliability. Our existing Kershaw substation which feeds the entire city is almost 40 years old. Adding another substation as a source improves system reliability as well as the capacity. Our existing infrastructure is not capable of handling the load increase at the STAR campus. This new substation will help with load increase at the STAR campus as well.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	300,000	-	-	-	-	\$ 300,000
CAPITAL RESERVES	2,000,000	-	-	\$ 2,000,000	-	-	-	2,000,000	-	\$ 2,000,000
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	15,700,000	\$ 15,700,000
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER Future Capital Projects Reserve	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ 300,000	\$ -	\$ -	\$ 2,000,000	\$ 15,700,000	\$ 18,000,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -

E2002: New Substation
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PROJECT NO: E1911
PROJECT TITLE: 35kV Line 3402 Capacity Upgrade
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 500,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 500,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Various locations in the City
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:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2019
Est. Completion Date:	2022
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 500,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 500,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 160,000
Materials:	5195106.9760	\$ 340,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 500,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

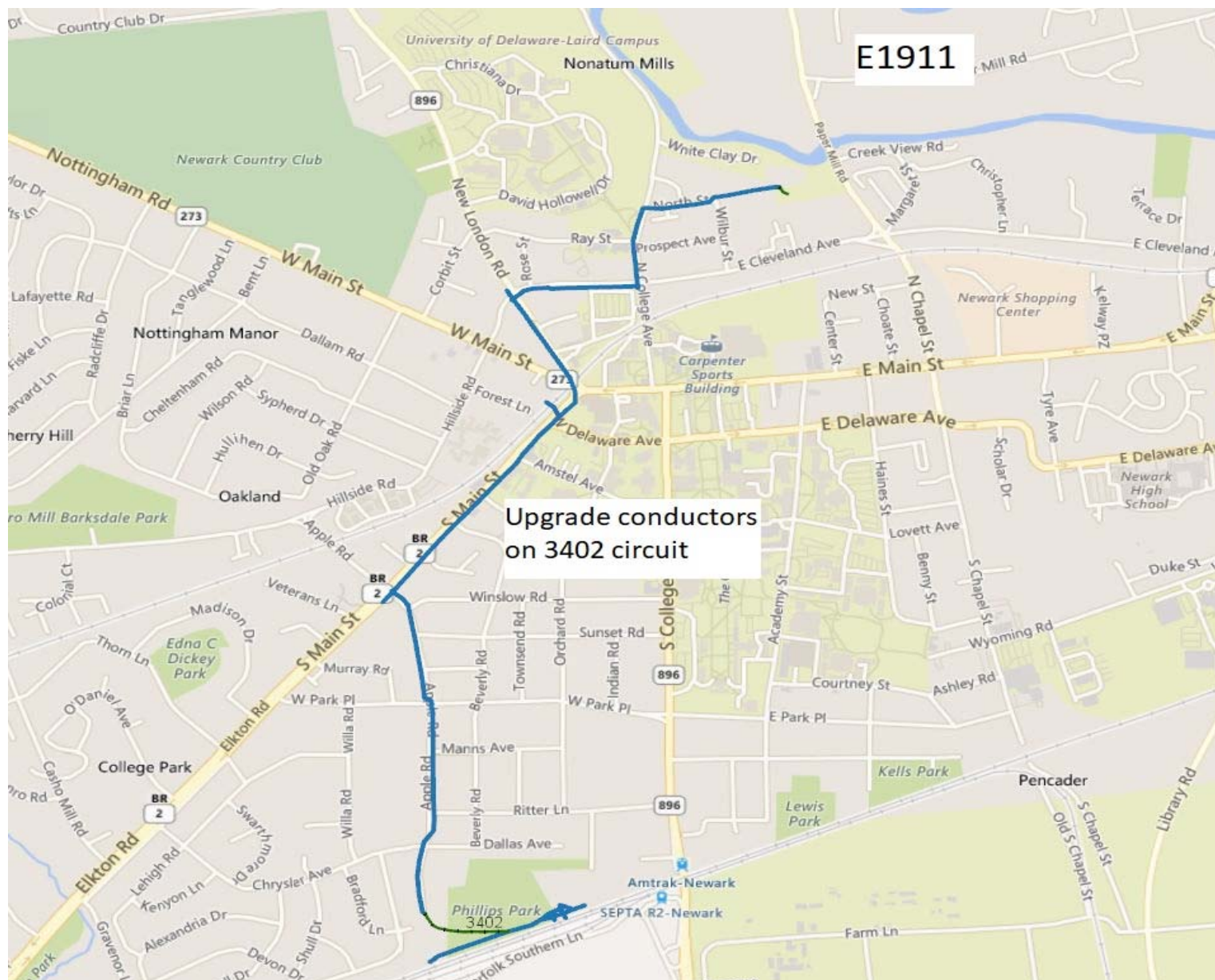
Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

This project will upgrade the aerial and underground cable on 35kV line 3402 to ensure capacity and reliable back-up capacity to the Phillips substation, Chestnut Hill substation, Sandy Brae substation and West Main substation. This upgrade will also allow us to tie this feeder to the new substation in the future if needed.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	250,000	250,000	-	-	\$ 500,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 500,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

E1911: 35kV Line 3402 Capacity Upgrade
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PROJECT NO: E1912
PROJECT TITLE: 35kV Disconnect Switches
Replacement - Kershaw Substation
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 450,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 450,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Kershaw Substation
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2019
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 450,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 450,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9830	\$ 150,000
Materials:	5195106.9730	\$ 300,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 450,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

This project will replace 40 year old 35kV disconnect switches at Kershaw Substaion.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	150,000	150,000	150,000	-	\$ 450,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 450,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

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PROJECT NO: E1805
PROJECT TITLE: Line Extension - UD Farm
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	University of Delaware: Farm
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:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2020
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 320,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 170,000
% Complete (if underway):	53.1%
Balance to be funded ¹ :	\$ 150,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 70,500
Materials:	5195106.9760	\$ 79,500
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 150,000

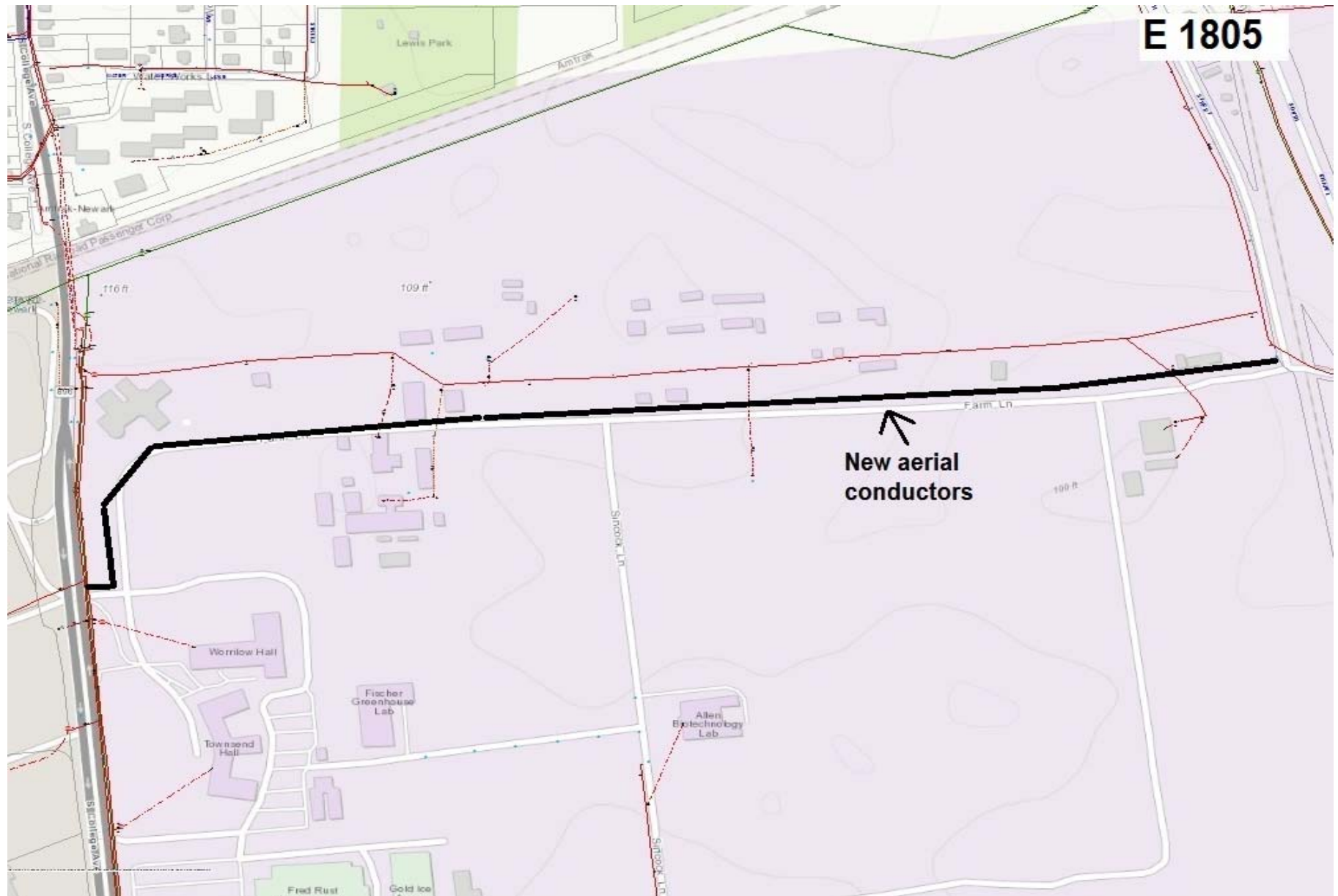
² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	170,000	-	170,000	\$ -	150,000	-	-	-	-	\$ 150,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 170,000	\$ -	\$ 170,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

E1805: Line Extension - UD Farm
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PROJECT NO: E1806
PROJECT TITLE: Christianstead Underground Primary Cable Addition
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Christianstead
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:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2018
Est. Completion Date:	2020
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 50,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 50,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 8,000
Materials:	5195106.9760	\$ 42,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 50,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

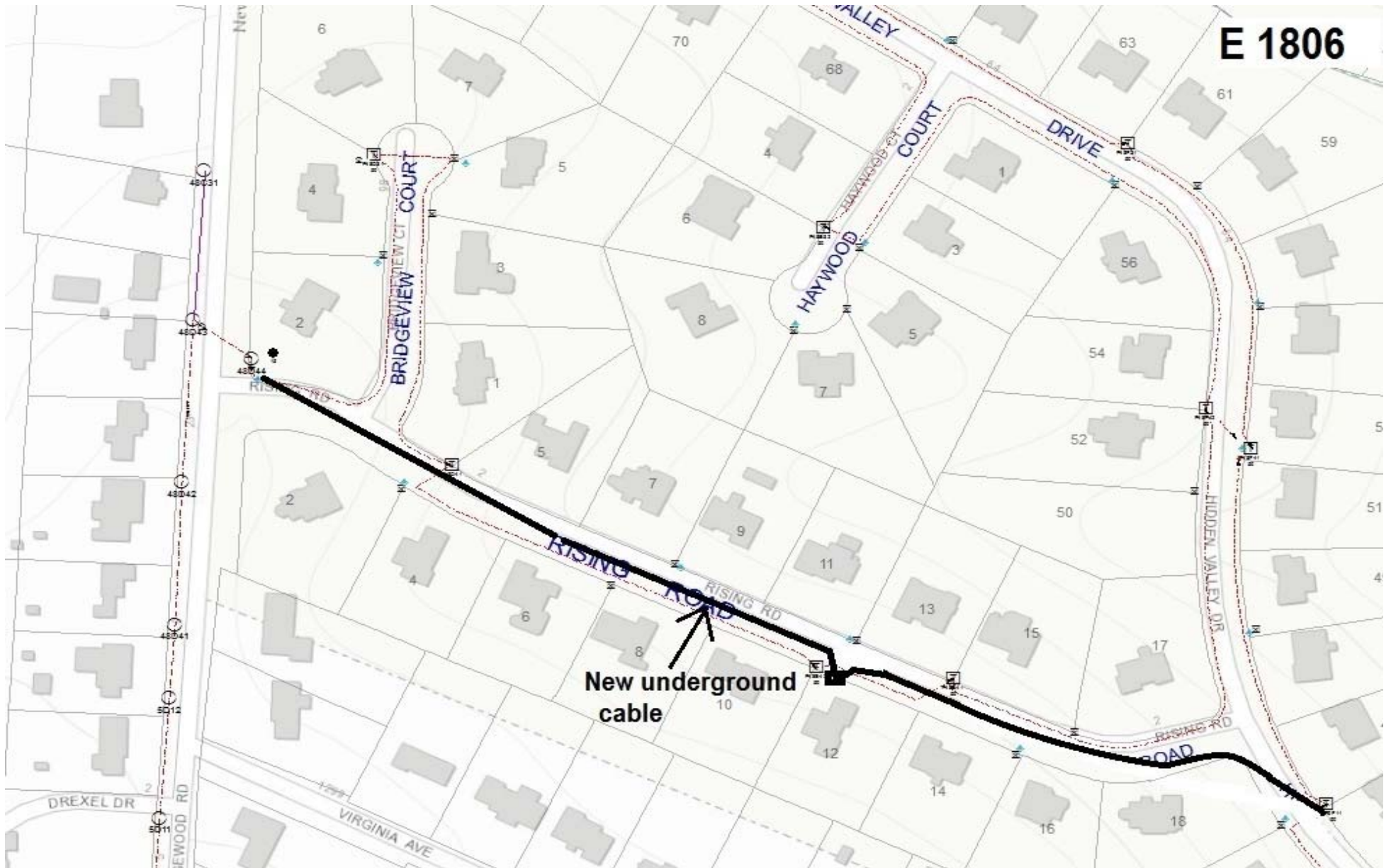
Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

An additional underground high voltage cable is needed in Christianstead to balance load during emergency conditions 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.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	50,000	-	-	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

E1806: Christianstead Underground Primary Cable Addition
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PROJECT NO: E1807
PROJECT TITLE: Relay Replacements - Kershaw Substation
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Kershaw Substation
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 200,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 200,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9830	\$ 70,000
Materials:	5195106.9730	\$ 130,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 200,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	50,000	50,000	50,000	50,000	-	\$ 200,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: E1808
PROJECT TITLE: Voltage Upgrade - North College Avenue
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	North College Avenue
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2018
Est. Completion Date:	2020
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 50,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 50,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 23,800
Materials:	5195106.9760	\$ 26,200
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 50,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	50,000	-	-	-	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: E1810
PROJECT TITLE: Lightning Arrestor Replacement
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ 235,000	\$ -	\$ 235,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ 235,000	\$ -	\$ 235,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Various locations in the City
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2023
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 235,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 235,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 180,000
Materials:	5195106.9760	\$ 55,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 235,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Replace older lightning arrestors on the 12.47kV system. This will prevent power outages and improve lightning protection on the distribution system.	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	235,000	-	\$ 235,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235,000	\$ -	\$ 235,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: E1602
PROJECT TITLE: Circuit Breaker Replacement
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Fremont Road Substation
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2016
Est. Completion Date:	2020
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 70,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 70,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9830	\$ 10,000
Materials:	5195106.9730	\$ 45,000
Other Contracts:	5195106.9730	\$ 15,000
TOTAL PROJECT COST		\$ 70,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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 and its age, it is recommended it be replaced with a vacuum type breaker.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	70,000	-	-	-	-	\$ 70,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -



PROJECT NO: E1502
PROJECT TITLE: Underground Distribution - UD Star
Campus
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ -	\$ 480,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ -	\$ 480,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	University of Delaware: Star Campus
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2015
Est. Completion Date:	2023
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 600,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 120,000
% Complete (if underway):	20.0%
Balance to be funded ¹ :	\$ 480,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5195106.9760	\$ 480,000
TOTAL PROJECT COST		\$ 480,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Underground electrical distribution equipment needed for the Star Campus. Expenditures to be reimbursed by the Developer or Customer.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER Developer or Customer	120,000	-	120,000	\$ -	120,000	120,000	120,000	120,000	-	\$ 480,000
TOTAL:	\$ 120,000	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ -	\$ 480,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -



PROJECT NO: E1203
PROJECT TITLE: CAD Software

PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ 40,444	\$ -	\$ -	\$ -	\$ -	\$ 40,444
2020-2024 Funding:	\$ 40,444	\$ -	\$ -	\$ -	\$ -	\$ 40,444

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Municipal Building
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2012
Est. Completion Date:	2020
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 40,444
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 40,444

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	5195106.9622	\$ 40,444
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 40,444

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
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.	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	40,444	-	-	\$ 40,444	40,444	-	-	-	-	\$ 40,444		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 40,444	\$ -	\$ -	\$ 40,444	\$ 40,444	\$ -	\$ -	\$ -	\$ -	\$ 40,444		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: E0503
PROJECT TITLE: SCADA and Automatic Switching
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 250,000	\$ -	\$ 450,000	\$ -	\$ -	\$ 700,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 250,000	\$ -	\$ 450,000	\$ -	\$ -	\$ 700,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Various locations in the City
PROJECT PRIORITY:	1 - Highest Priority Level
	Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2005
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 1,924,191
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 1,224,191
% Complete (if underway):	63.6%
Balance to be funded ¹ :	\$ 700,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 140,000
Materials:	5195106.9760	\$ 483,000
Other Contracts:	5195106.9960	\$ 77,000
TOTAL PROJECT COST		\$ 700,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

Also includes (previous CIP E1802) - 15kV Automatic Switching:

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 (roughly \$22,700 each) will be installed to improve reliability to the UD Center Campus and North Campus. In 2022, 10 reclosers (roughly \$45,000 each) will be installed on South College and the Christina Parkway to improve reliability to the UD South Campus and the Star Campus.

Our existing SCADA system has become a legacy system so our SCADA provider has proposed to the City to upgrade our existing SCADA system to a newer platform in order to keep up with the industrial standards.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	655,000	567,867	87,133	\$ -	250,000	-	450,000	-	-	\$ 700,000
CAPITAL RESERVES	569,191	-	569,191	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 1,224,191	\$ 567,867	\$ 656,324	\$ -	\$ 250,000	\$ -	\$ 450,000	\$ -	\$ -	\$ 700,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: E8510
PROJECT TITLE: Transformer Maintenance
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ 24,162	\$ -	\$ -	\$ -	\$ -	\$ 24,162
2020-2024 Funding:	\$ 24,162	\$ -	\$ -	\$ -	\$ -	\$ 24,162

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Various
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:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	1985
Est. Completion Date:	2020
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 24,162
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 24,162

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5195106.9860	\$ 4,832
Materials:	5195106.9760	\$ 19,330
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 24,162

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Ongoing testing and disposal of PCB contaminated pole mounted transformers to comply with EPA regulations.	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	24,162	-	-	\$ 24,162	24,162	-	-	-	-	\$ 24,162		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 24,162	\$ -	\$ -	\$ 24,162	\$ 24,162	\$ -	\$ -	\$ -	\$ -	\$ 24,162		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: EEQS
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 297,000	\$ 220,000	\$ 250,000	\$ 338,000	\$ 100,000	\$ 1,205,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 297,000	\$ 220,000	\$ 250,000	\$ 338,000	\$ 100,000	\$ 1,205,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 1,675,784
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 470,784
% Complete (if underway):	28.1%
Balance to be funded ¹ :	\$ 1,205,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5195106.9623	\$ 1,205,000
TOTAL PROJECT COST		\$ 1,205,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Planned advance funding accumulated through depreciation to replace essential equipment when necessary.	
Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).	

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	68,400	51,544	16,856	\$ -	57,716	57,239	73,500	121,770	43,424	\$ 353,649
CAPITAL RESERVES	252,784	252,784	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	149,600	149,600	-	\$ -	239,284	162,761	176,500	216,230	56,576	\$ 851,351
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 470,784	\$ 453,928	\$ 16,856	\$ -	\$ 297,000	\$ 220,000	\$ 250,000	\$ 338,000	\$ 100,000	\$ 1,205,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -

ELECTRIC UTILITY

TOTAL ELECTRIC UTILITY		GROSS ACQUISITION COST	\$ 297,000	\$ 220,000	\$ 250,000	\$ 338,000	\$ 100,000
		LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
a. This vehicle scheduled to be replaced in 2019.		LESS: USE OF CURRENT RESOURCES	(57,716)	(57,239)	(73,500)	(121,770)	(43,424)
		NET EQUIPMENT SINKING FUND TOTAL	\$ 239,284	\$ 162,761	\$ 176,500	\$ 216,230	\$ 56,576

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

WATER FUND - PUBLIC WORKS AND WATER RESOURCES DEPARTMENT - WATER DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 1,788,607	\$ 2,569,000	\$ 4,229,000	\$ 1,554,000	\$ 3,000,000	\$ 13,140,607
*Prior Authorized Balance:	\$ 3,244,789	\$ -	\$ -	\$ -	\$ -	\$ 3,244,789
2020-2024 Funding:	\$ 5,033,396	\$ 2,569,000	\$ 4,229,000	\$ 1,554,000	\$ 3,000,000	\$ 16,385,396

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
W2001	Newark Reservoir Upgrades	B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,500,000	\$ 1,600,000
W1901	Main Street Water Main	B	331,155	-	-	-	-	-	-	-	-
W1701	Valve Inspection, Exercising and Rehabilitation	B	165,000	165,000	-	165,000	125,000	125,000	125,000	-	540,000
W1702	Source Water Protection	A	20,000	-	-	-	-	-	-	-	-
W1703	Laird Tract Well Field Restoration	A	-	-	-	-	100,000	1,925,000	-	-	2,025,000
W1601	Backup Generation at Water Facilities	A	70,000	125,000	-	125,000	-	-	-	-	125,000
W1602	Roseville Park Pressure District	B	-	-	-	-	275,000	-	-	-	275,000
W1503	Academy Street Interconnection Pump Station	B	-	-	-	-	90,000	500,000	-	-	590,000
W1402	Air Stripper Replacement - South Well Field	B	3,000,000	2,582,695	-	2,582,695	-	-	-	-	2,582,695
W1302	Abandon Old Wells	B	5,000	-	-	-	-	-	-	-	-
W0503	Well Restoration Program	B	28,000	-	58,000	58,000	29,000	29,000	29,000	-	145,000
W0002	Curtis WTP Alt. Disinfection and Facilities Upgrades	B	25,000	-	-	-	-	-	-	-	-
W9302	Water SCADA System	B	200,000	350,000	-	350,000	-	-	-	-	350,000
W9308	Water Main Replacement Program	B	1,000,000	1,000,000	-	1,000,000	1,000,000	1,000,000	1,250,000	1,500,000	5,750,000
W8605	Water Tank Maintenance	B	361,000	450,000	-	450,000	850,000	600,000	-	-	1,900,000
WEQSF	Equipment Replacement Program	B	124,000	213,546	89,155	302,701	100,000	50,000	50,000	-	502,701
Total Water Fund - Water Division			\$ 5,329,155	\$ 4,886,241	\$ 147,155	\$ 5,033,396	\$ 2,569,000	\$ 4,229,000	\$ 1,554,000	\$ 3,000,000	\$ 16,385,396

PLANNED FINANCING SOURCES																		
GROSS CAPITAL IMPROVEMENTS	\$	5,329,155	\$	4,886,241	\$	147,155	\$	5,033,396	\$	2,569,000	\$	4,229,000	\$	1,554,000	\$	3,000,000	\$	16,385,396
LESS: USE OF RESERVES		(210,155)		(215,000)		-		(215,000)		-		-		-		-		(215,000)
VEHICLE & EQUIPMENT REPLACEMENT		(85,376)		(213,546)		-		(213,546)		(59,447)		(37,999)		(19,541)		-		(330,533)
GRANTS		(70,000)		(75,000)		-		(75,000)		(50,000)		-		(50,000)		-		(175,000)
BOND ISSUES		-		-		-		-		-		-		-		-		-
STATE REVOLVING LOANS		(4,550,000)		(4,382,695)		-		(4,382,695)		(1,850,000)		(3,525,000)		-		-		(9,757,695)
OTHER FINANCING SOURCES		-		-		-		-		-		-		-		-		-
NET CAPITAL IMPROVEMENTS	\$	413,624	\$	-	\$	147,155	\$	147,155	\$	609,553	\$	666,001	\$	1,484,459	\$	3,000,000	\$	5,907,168

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: W2001
PROJECT TITLE: Newark Reservoir Upgrades
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,500,000	\$ 1,600,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,500,000	\$ 1,600,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Newark Reservoir
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	2025
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 1,600,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 1,600,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9960	\$ 1,600,000
TOTAL PROJECT COST		\$ 1,600,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The Newark Reservoir has been in use since 2008 and there are upgrades and changes necessary to continue operations. Among the work contemplated for this project include:

Rehabilitation of the 'moat' area that surrounds the reservoir and moves water from the I/O Tower to the wetlands bench on the north end of the reservoir. This includes replacing rock protection and pest deterrents that have degraded over the years.

Replacement of the wetland bench on the north end to restore and enhance the filtering capabilities.

The original design for the reservoir called for a concrete liner or armor on the interior of the reservoir. This was omitted during the construction phase of the project. In times of drought, if the reservoir was to be used below the existing armor, special considerations would need to be followed during refill in order to keep the liner intact. Extending the liner would increase the confidence PWWR would have in times of drought.

Many recreational uses and operational needs have been realized at the reservoir property since it's opening and this has changed the vegetative and facility needs, this project would allow us to do a comprehensive review for possible future uses.

2023 Funding includes 50/50 Planning Grant through SRF Program.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	50,000	1,500,000	\$ 1,550,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS SRF	-	-	-	\$ -	-	-	-	50,000	-	\$ 50,000		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,500,000	\$ 1,600,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: W1701
PROJECT TITLE: Valve Inspection, Exercising and Rehabilitation
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ 375,000
*Prior Authorized Balance:	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000
2020-2024 Funding:	\$ 165,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ 540,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2017
Est. Completion Date:	2023
Est. Useful Life (in years):	100
Est. Total Cost:	\$ 540,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 540,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	5295206.9760	\$ 178,200
Other Contracts:	5295206.9960	\$ 361,800
TOTAL PROJECT COST		\$ 540,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

According to AWWA, "Each valve should be operated through a full cycle and returned to its 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 proposes to develop a valve exercising program utilizing our 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. Once the first round of this program is complete, this program can be moved into the operating budget.

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. Each valve that cannot be successfully exercised will be recommended for replacement. If the valve should fail, the replacement will occur as soon as possible to avoid service disruption. We will revisit this estimate annually during the program as we have more data to support optimization.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	125,000	125,000	125,000	-	\$ 375,000
CAPITAL RESERVES	165,000	-	-	\$ 165,000	165,000	-	-	-	-	\$ 165,000
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 165,000	\$ -	\$ -	\$ 165,000	\$ 165,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ 540,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: W1703
PROJECT TITLE: Laird Tract Well Field Restoration
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 100,000	\$ 1,925,000	\$ -	\$ -	\$ 2,025,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 100,000	\$ 1,925,000	\$ -	\$ -	\$ 2,025,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Curtis Water Treatment Plant
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2017
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 2,025,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 2,025,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9760	\$ 2,025,000
TOTAL PROJECT COST		\$ 2,025,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

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 Newark Water Treatment Plant (NWTP), capable of processing the existing public supply wells in the City's Laird Tract Well Field (LTWF). The wells, installed in 1971 (Wells 23 & 25) and 1990 (Well 20 & 21), pumped groundwater directly into the system with no filtration; however, increased drinking water regulations and 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 consists 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).

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 2021 along with the design of the collection system upgrades with the full project being constructed in 2022.

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.

We will submit for funding through the State Revolving Loan Fund based on the successful passage of the 2018 Referendum. We anticipate being eligible for Project Planning Advances and Planning Grants to help offset the costs of planning and design.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	50,000	-	-	-	\$ 50,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS PPA and Planning Grants	-	-	-	\$ -	-	50,000	-	-	-	\$ 50,000		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	1,925,000	-	-	\$ 1,925,000		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,925,000	\$ -	\$ -	\$ 2,025,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: W1601
PROJECT TITLE: Backup Generation at Water Facilities
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Well 17 and Northwest Booster
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Healthy & Active Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2016
Est. Completion Date:	2020
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 195,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 70,000
% Complete (if underway):	35.9%
Balance to be funded ¹ :	\$ 125,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9760	\$ 125,000
TOTAL PROJECT COST		\$ 125,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

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 \$5,000, saving approximately \$50,000 from this project.

Total estimated cost for backup power for a well is \$70,000 for natural gas or \$58,000 for diesel, per location.

We have secured Grant Funding through the FEMA Pre-Disaster Mitigation Grant and we anticipate receiving this funding once we have the specifications written for the NW Booster Installation. If the grant remains open, we will apply for the Well 17 installation.

2020 - Added \$50,000 due to local match necessary to receive grant for 2019 and 2020. Potential for in kind services performed by City staff originally was not allowed by grant, but the rules have been relaxed. Well 17 grant included in 2020.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	-	-	-	\$ -	50,000	-	-	-	-	\$ 50,000		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS FEMA Pre-Disaster Mitigation Grant	70,000	-	70,000	\$ -	75,000	-	-	-	-	\$ 75,000		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 70,000	\$ -	\$ 70,000	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		2,000	2,000	2,000	2,000	2,000	\$ 10,000



PROJECT NO: W1602
PROJECT TITLE: Roseville Park Pressure District
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 275,000	\$ -	\$ -	\$ -	\$ 275,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 275,000	\$ -	\$ -	\$ -	\$ 275,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Roseville Park and Delaplane Manor
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2016
Est. Completion Date:	2021
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 275,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 275,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9760	\$ 275,000
TOTAL PROJECT COST		\$ 275,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	275,000	-	-	-	\$ 275,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ -	\$ -	\$ -	\$ 275,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		2,500	2,500	2,500	2,500	2,500	\$ 12,500



PROJECT NO: W1503
PROJECT TITLE: Academy Street Interconnection Pump Station
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 90,000	\$ 500,000	\$ -	\$ -	\$ 590,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 90,000	\$ 500,000	\$ -	\$ -	\$ 590,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Academy Street and Waterworks Lane
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2015
Est. Completion Date:	2022
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 590,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ² :	\$ 590,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	5295206.9760	\$ 590,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 590,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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 typically 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.

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 features standpipes and valves to which we will connect a portable pump on a temporary basis if the need for water purchases arises. We have an on-call availability agreement with Godwin Pumps to be able to have this interconnection up and running within 24 hours. 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. 2021 Funding for design and permitting followed by construction in 2022.

The funding also includes the eventual decommissioning and repurposing of the existing pump building on Academy Street and Waterworks Lane. It is adjacent to Lewis Park and the James F. Hall Trail, which positions it well for some type of concession, bathroom facility, or rest area.

Please note, \$40,000 (of Current Resources in 2020) were moved from Capital Project W1302 - Abandon Old Wells, into Capital Project W1503 in 2021.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	90,000	500,000	-	-	\$ 590,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 500,000	\$ -	\$ -	\$ 590,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: W1402
PROJECT TITLE: Air Stripper Replacement - South Well Field
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ 2,582,695	\$ -	\$ -	\$ -	\$ -	\$ 2,582,695
2020-2024 Funding:	\$ 2,582,695	\$ -	\$ -	\$ -	\$ -	\$ 2,582,695

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	South Well Field Treatment Plant
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2014
Est. Completion Date:	2020
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 3,030,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 447,305
% Complete (if underway):	14.8%
Balance to be funded ¹ :	\$ 2,582,695

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9740	\$ 2,582,695
TOTAL PROJECT COST		\$ 2,582,695

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

The current air stripper has been in service for approximately 15 years running 24/7 and is likely nearing the end of its 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. The 2018 Referendum included this project to utilize the State Revolving Loan in order to complete the design and construction. As part of the planning process for the referendum, our consultant, AECOM, reviewed the process upgrades necessary and has recommended several new configuration possibilities at the SWFTP that would incorporate the air stripping requirements as well as removal or rehabilitation of the lead-coated storage tanks at the site.

We are still on track to complete the design and bidding in 2019 with construction beginning in late 2019/early 2020.

Funds were deauthorized in year 2019 from Capital Project W8605 in the amount of \$350,000, in order to partially fund Capital Project W1402 in 2019.

Referendum Funding was approved and Loan Closed at \$3,000,000. Design Costs encumbered to AECOM in 2019 at \$414,850. Construction costs would be capped at \$2,585,150. Current estimate is roughly \$2.4mm at 60%. Storage Tank removal and replacement (\$350,000) is not included in the above estimate and would be paid for from W8605 - Water Tank Replacement, also a referendum funded project.

\$90,000 was added in 2019 in order to recognize the capitalized interest payments for debt service for the State Revolving Loan. \$90,000 of Current Resources previously listed in 2019 will be transferred to W1901 per budget amendment.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	707	707	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	3,000,000	417,305	-	\$ 2,582,695	2,582,695	-	-	-	-	\$ 2,582,695
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 3,000,707	\$ 418,012	\$ -	\$ 2,582,695	\$ 2,582,695	\$ -	\$ -	\$ -	\$ -	\$ 2,582,695
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: W0503
PROJECT TITLE: Well Restoration Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 58,000	\$ 29,000	\$ 29,000	\$ 29,000	\$ -	\$ 145,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 58,000	\$ 29,000	\$ 29,000	\$ 29,000	\$ -	\$ 145,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2005
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 221,576
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 76,576
% Complete (if underway):	34.6%
Balance to be funded ¹ :	\$ 145,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	5295206.9760	\$ 145,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 145,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Restore / Redevelop Wells 11, 12, 13, 14, 15, 16, 17, 20, 23, 25 as needed in anticipation of routine maintenance and rehabilitation.	
Well 15 -Completed in 2016	
Well 11 - Completed in 2017	

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	28,000	-	28,000	\$ -	58,000	29,000	29,000	29,000	-	\$ 145,000
CAPITAL RESERVES	48,576	-	48,576	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 76,576	\$ -	\$ 76,576	\$ -	\$ 58,000	\$ 29,000	\$ 29,000	\$ 29,000	\$ -	\$ 145,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -



PROJECT NO: W9302
PROJECT TITLE: Water SCADA System
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	1993
Est. Completion Date:	2020
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 573,431
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 223,431
% Complete (if underway):	39.0%
Balance to be funded ¹ :	\$ 350,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9760	\$ 350,000
TOTAL PROJECT COST		\$ 350,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

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. With a SCADA System, we will significantly reduce the need to drive to each facility 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. Management staff will also be able to monitor system data and performance to assist the planning of capital spending and recommend operational efficiencies.

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. Our integrator, ACS, is currently working on the implementation of all of the water facilities, including assisting in the rehabilitation of the Curtis Water Treatment Plant.

\$6,000 was added in 2019 in order to recognize the capitalized interest payments for debt service for the State Revolving Loan.

Referendum Funding approved at \$550,000 over 2 years. \$200,000 expected to be spent in 2019.

\$6,000 of Current Resources previously listed in 2019 will be transferred to W1901 per budget amendment.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	23,431	5,026	18,405	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	200,000	-	200,000	\$ -	350,000	-	-	-	-	\$ 350,000
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 223,431	\$ 5,026	\$ 218,405	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					1,500	1,500	1,500	1,500	1,500	\$ 7,500



PROJECT NO: W9308
PROJECT TITLE: Water Main Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 502,906	\$ 1,000,000	\$ 1,000,000	\$ 1,250,000	\$ 1,500,000	\$ 5,252,906
*Prior Authorized Balance:	\$ 497,094	\$ -	\$ -	\$ -	\$ -	\$ 497,094
2020-2024 Funding:	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,250,000	\$ 1,500,000	\$ 5,750,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	1993
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	75+
Est. Total Cost:	\$ 6,253,506
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 503,506
% Complete (if underway):	8.1%
Balance to be funded ¹ :	\$ 5,750,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9760	\$ 5,750,000
TOTAL PROJECT COST		\$ 5,750,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

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.

This project involves either replacing mains or lining the interior to minimize main breaks, improve water quality, and improve fire flow. In 2017 we completed replacement of the water main along East Park Place from South Chapel to Manuel Street and replacement of the main on Dallam Road from Old Oak to Bent Lane. In 2018, we did not complete a project as funding was not available prior to passage of the 2018 Referendum. In 2019, using State revolving Loan Funds, plans have changed based on our water model and instead of upgrades along West main, we intend to begin an upgrade to the main on Dallam Road and replace the water main along Wilson Road. Exhibits are attached to this CIP sheet. Due to the Main Street Improvements, the East Park work that was contemplated in 2018 and 2019 will be completed in 2020, along with the continuation on the upgraded main in Dallam Road.

We also intend to initiate the evaluation of several conditions assessment technologies to help guide the decision process for the segments to address in the out-years.

\$30,000 was added in 2019 in order to recognize the capitalized interest payments for debt service for the State Revolving Loan.

Total of \$4,000,000 approved by 2018 referendum. \$1,000,000 loan closed in 2019 and expected to be encumbered in 2019.

\$30,000 of Current Resources previously listed in 2019 were transferred to W1901 per budget amendment.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	1,250,000	1,500,000	\$ 2,750,000
CAPITAL RESERVES	600	600	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	1,000,000	2,906	500,000	\$ 497,094	1,000,000	1,000,000	1,000,000	-	-	\$ 3,000,000
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 1,000,600	\$ 3,506	\$ 500,000	\$ 497,094	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,250,000	\$ 1,500,000	\$ 5,750,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -

W9308: Water Main Replacement Program Supporting Documentation - Page 1 East Park Place



CITY OF NEWARK DELAWARE W9308 2020 Proposed Water Main Replacement September 2019	East Park Place LEGEND <table border="0"> <tr> <td> System Valve ● Opened Hydrant ■ In Service Network Structure ● Other </td> <td> Fitting □ Bend ⊥ Tee ⌒ Cap ▲ Reducer ⊗ Cross ■ Water Main to be Replaced </td> <td> — Water Lateral --- Abandoned Line Water Main (Diameter, Owned By) — 6", City of Newark — 8", City of Newark — 10", City of Newark — All sizes, Private or Unknown </td> </tr> </table>	System Valve ● Opened Hydrant ■ In Service Network Structure ● Other	Fitting □ Bend ⊥ Tee ⌒ Cap ▲ Reducer ⊗ Cross ■ Water Main to be Replaced	— Water Lateral --- Abandoned Line Water Main (Diameter, Owned By) — 6", City of Newark — 8", City of Newark — 10", City of Newark — All sizes, Private or Unknown	 0 70 140 Feet	 NEWARK DELAWARE <i>Committed to Service Excellence</i>
System Valve ● Opened Hydrant ■ In Service Network Structure ● Other	Fitting □ Bend ⊥ Tee ⌒ Cap ▲ Reducer ⊗ Cross ■ Water Main to be Replaced	— Water Lateral --- Abandoned Line Water Main (Diameter, Owned By) — 6", City of Newark — 8", City of Newark — 10", City of Newark — All sizes, Private or Unknown				

W9308: Water Main Replacement Program
Supporting Documentation - Page 2
Dallam Road



CITY OF NEWARK DELAWARE W9308 2020 Proposed Water Main Replacement September 2019	Dallam Road				
	LEGEND				
	Control Valve Air Release System Valve Closed Opened	Hydrant In Service Water Main to be Replaced Water Lateral			Abandoned Line Water Main (Diameter, Owned By) 6", City of Newark 12", City of Newark



PROJECT NO: W8605
PROJECT TITLE: Water Tank Maintenance

PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 450,000	\$ 850,000	\$ 600,000	\$ -	\$ -	\$ 1,900,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 450,000	\$ 850,000	\$ 600,000	\$ -	\$ -	\$ 1,900,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	1986
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 2,273,263
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 373,263
% Complete (if underway):	16.4%
Balance to be funded ¹ :	\$ 1,900,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9760	\$ 1,900,000
TOTAL PROJECT COST		\$ 1,900,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
"REFERENDUM PROJECT 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 additional testing, notification, specification and contract document updates, and safety precautions. The current painting schedule is: <u>2020-2024 CIP</u> 2020 - Arbour Park Tank (500,000 gallon ground tank) - Lead present in current coating. \$350,000, last painted in 2003 2021 - Dallam Road Tank (565,000 gallon ground tank) - Lead present in current coating. \$350,000, last painted in 2003 2021 - Nottingham Road (West Main) Tank (220,000 gallon ground tank) -Lead present is current coating. \$350,000, last painted in 2003 2022 - New London Tank (2,000,000 gallon ground tank) - \$500,000, last painted in 1997 <u>Future CIP</u> 2030 - Windy Hills Tank (300,000 gallon elevated tank) - \$900,000, last painted in 2015 2031 - Concrete Tank (3,200,000 gallon ground tank) - \$550,000, last painted in 2015 2032 - Louviers Tank (1,000,000 gallon elevated tank) - \$750,000, last painted in 2016 Note - Due to the presence of lead in the existing coatings and the methods required to remove and dispose of the lead properly, we are exploring the option of removing the entire tank and replacing them. Preliminary cost estimates show similar pricing when all things are considered. We are approved for up to \$2,250,000 from the SRF with \$674,112 in loan forgiveness at project completion. Revised the funding in each project year to reflect the loan closing in 2019. Expect Southwell Tank to be funded in late 2019 at \$350,000 with the remaining funds spread over the next 3 years. Please note that \$350,000 was deauthorized in 2019 to be transferred to Capital Project W1402. In addition, \$11,000 was added in 2019 in order to recognize the capitalized interest payments for debt service for the State Revolving Loan.	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	11,000	-	11,000	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	12,263	718	11,545	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	350,000	-	350,000	\$ -	450,000	850,000	600,000	-	-	\$ 1,900,000		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 373,263	\$ 718	\$ 372,545	\$ -	\$ 450,000	\$ 850,000	\$ 600,000	\$ -	\$ -	\$ 1,900,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

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PROJECT NO: WEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 302,701	\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ 502,701
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 302,701	\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ 502,701

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 626,701
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 124,000
% Complete (if underway):	19.8%
Balance to be funded ¹ :	\$ 502,701

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5295206.9623	\$ 502,701
TOTAL PROJECT COST		\$ 502,701

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	38,624	-	38,624	\$ -	89,155	40,553	12,001	30,459	-	\$ 172,168
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	85,376	22,122	63,254	\$ -	213,546	59,447	37,999	19,541	-	\$ 330,533
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 124,000	\$ 22,122	\$ 101,878	\$ -	\$ 302,701	\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ 502,701
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
WATER AND WASTEWATER UTILITIES

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>STAFF VEHICLES</u>													
215	2019 Chevrolet Equinox AWD	06/03/19	22,122	712	60,000	10	2029	2029	22,122					
	<u>LINE TRUCKS</u>													
202	2012 Ford F350	a. 10/18/12	74,095	41,441	80,000	8	2020	2019	74,095					
207	2005 Int'l 7400 Dump Truck	08/05/05	95,845	43,258	36,000	8	2013	2020	95,845	185,000				
	<u>PICK-UPS & VANS</u>													
204	2016 Ford F350 Dump Truck	09/02/16	34,155	7,242	85,000	10	2026	2026	34,155					
206	2014 Ford F150 Pickup Truck	12/31/14	25,011	123,533	120,000	5	2020	2021	25,011		35,000			
211	2009 Ford F250 Pickup Truck, Supercab	06/05/09	25,267	64,229	80,000	10	2019	2021	25,267		40,000			
218	2017 Ford F250 Pickup Truck 4x4	08/30/17	30,512	8,624	100,000	10	2027	2027	30,512					
224	2012 Ford F250 Pickup Truck	10/25/12	37,999	36,746	80,000	10	2022	2022	37,999			50,000		
241	2015 Ford Transit Connect	12/31/14	21,491	36,726	100,000	10	2025	2025	21,491					
244	2016 Ford F250 Pickup Truck, Reg. Cab 4x4	07/21/16	26,959	17,875	100,000	10	2026	2026	26,959					
299	2013 Ford F150 Pickup Truck, Ext. Cab	06/28/13	19,541	32,955	100,000	10	2023	2023	19,541				50,000	
	<u>OTHER EQUIPMENT</u>													
201	1994 Ingersoll Air Compressor P175 Rand	b. 09/09/94	9,169	--	--	15	2009	2021	9,169		25,000			
220	2011 Case 590 SN Loader/Backhoe	10/14/11	117,701	--	--	9	2020	2020	117,701	117,701				
TOTAL WATER AND WASTE WATER UTILITY										\$ 302,701	\$ 100,000	\$ 50,000	\$ 50,000	\$ -
										GROSS ACQUISITION COST				
										LESS: USE OF CAPITAL RESERVES				
										LESS: USE OF CURRENT RESOURCES				
										NET EQUIPMENT SINKING FUND TOTAL				

- a. This vehicle scheduled to be replaced in 2019.
b. This equipment will not be replaced.

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

SEWER FUND - PUBLIC WORKS AND WATER RESOURCES DEPARTMENT - SEWER DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 623,486	\$ 800,000	\$ 800,000	\$ 1,300,000	\$ 1,350,000	\$ 4,873,486
*Prior Authorized Balance:	\$ 376,514	\$ -	\$ -	\$ -	\$ -	\$ 376,514
2020-2024 Funding:	\$ 1,000,000	\$ 800,000	\$ 800,000	\$ 1,300,000	\$ 1,350,000	\$ 5,250,000
*Prior Authorized Balance includes 2019 carryover funding only.						

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
S0904	Sanitary Sewer Study and Repairs	B	\$ 1,355,000	\$ 1,000,000	\$ -	\$ 1,000,000	\$ 800,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 4,600,000
SEQSF	Equipment Replacement Program	B	-	-	-	-	-	-	300,000	350,000	650,000
Total Sewer Fund - Sewer Division			<u>\$ 1,355,000</u>	<u>\$ 1,000,000</u>	<u>\$ -</u>	<u>\$ 1,000,000</u>	<u>\$ 800,000</u>	<u>\$ 800,000</u>	<u>\$ 1,300,000</u>	<u>\$ 1,350,000</u>	<u>\$ 5,250,000</u>
PLANNED FINANCING SOURCES											
GROSS CAPITAL IMPROVEMENTS			\$ 1,355,000	\$ 1,000,000	\$ -	\$ 1,000,000	\$ 800,000	\$ 800,000	\$ 1,300,000	\$ 1,350,000	\$ 5,250,000
LESS: USE OF RESERVES			-	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT			-	-	-	-	-	-	-	(234,160)	(234,160)
GRANTS			-	-	-	-	-	-	-	-	-
BOND ISSUES			-	-	-	-	-	-	-	-	-
STATE REVOLVING LOANS			(1,300,000)	(1,000,000)	-	(1,000,000)	(800,000)	(800,000)	-	-	(2,600,000)
OTHER FINANCING SOURCES			-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS			<u>\$ 55,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,300,000</u>	<u>\$ 1,115,840</u>	<u>\$ 2,415,840</u>

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other

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PROJECT NO: S0904
PROJECT TITLE: Sanitary Sewer Study and Repairs
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 623,486	\$ 800,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 4,223,486
*Prior Authorized Balance:	\$ 376,514	\$ -	\$ -	\$ -	\$ -	\$ 376,514
2020-2024 Funding:	\$ 1,000,000	\$ 800,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 4,600,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Sewer
FUND:	Sewer
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2009
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	50+
Est. Total Cost:	\$ 5,980,445
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 1,380,445
% Complete (if underway):	23.1%
Balance to be funded ¹ :	\$ 4,600,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5395306.9760	\$ 4,600,000
TOTAL PROJECT COST		\$ 4,600,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

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. 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 and the White Clay Basin largely paid for by grant funds through the State Revolving Loan Fund. 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.

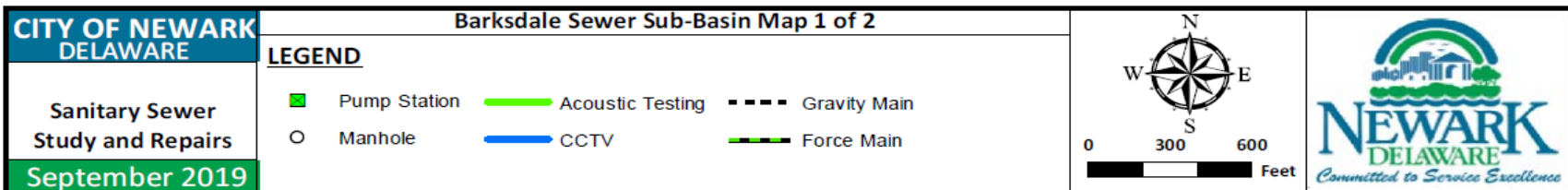
In 2020, we plan to continue the inspection of our sewer collection and transmission system and complete any repairs recommended by these inspections. Inspection area maps are included. We also intend to develop and implement the plan for our pump station emergency by-pass at our two primary pump stations.

Referendum and State Revolving Loan Funding was approved over a 3 year period totaling \$3,900,000. Closed on \$1,300,000 loan in 2019. Need to close \$1.3mm in both 2020 and 2021. Spending can be spread until 2022 as shown in previous budget.

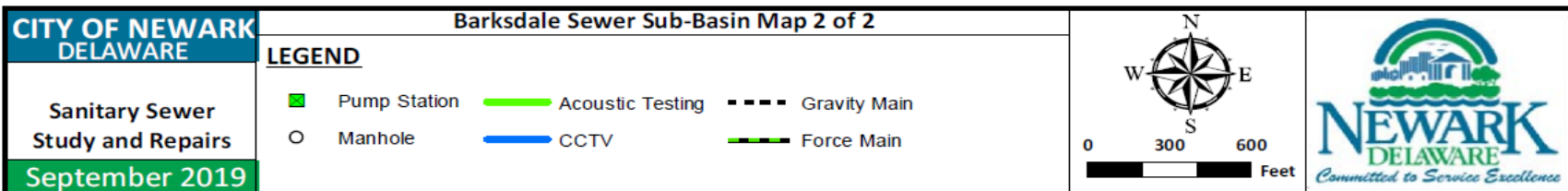
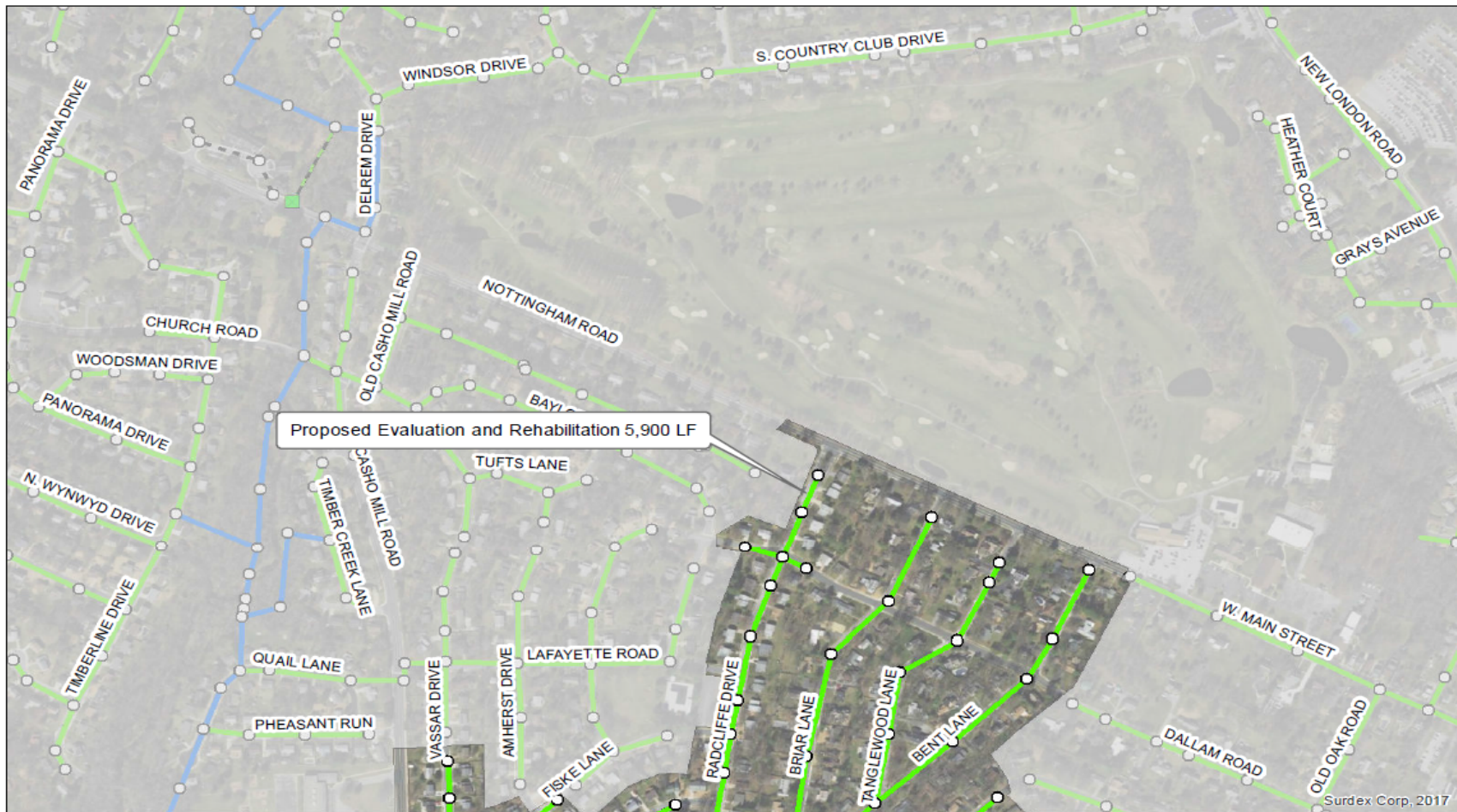
\$55,000 was added in 2019 in order to recognize the capitalized interest payments for debt service for the State Revolving Loan.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	55,000	-	55,000	\$ -	-	-	-	1,000,000	1,000,000	\$ 2,000,000
CAPITAL RESERVES	401,959	401,959	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	1,300,000	123,486	800,000	\$ 376,514	1,000,000	800,000	800,000	-	-	\$ 2,600,000
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 1,756,959	\$ 525,445	\$ 855,000	\$ 376,514	\$ 1,000,000	\$ 800,000	\$ 800,000	\$ 1,000,000	\$ 1,000,000	\$ 4,600,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -

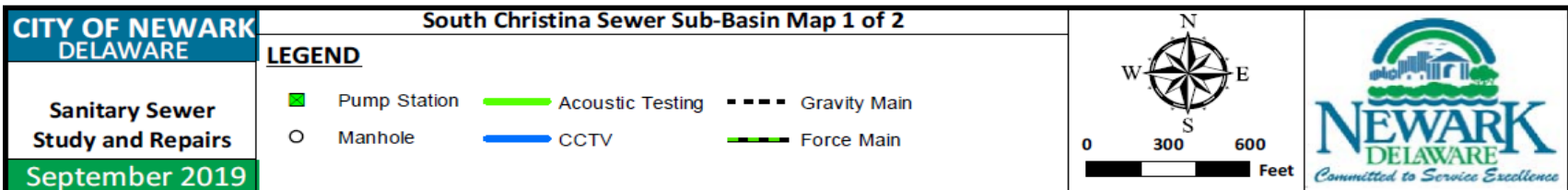
S0904: Sanitary Sewer Study and Repairs
Supporting Documentation - Page 1 (Barksdale Sewer Sub-Basin - Map 1 of 2)



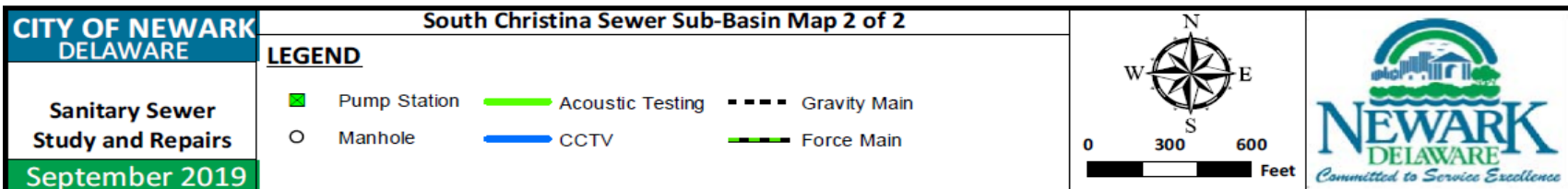
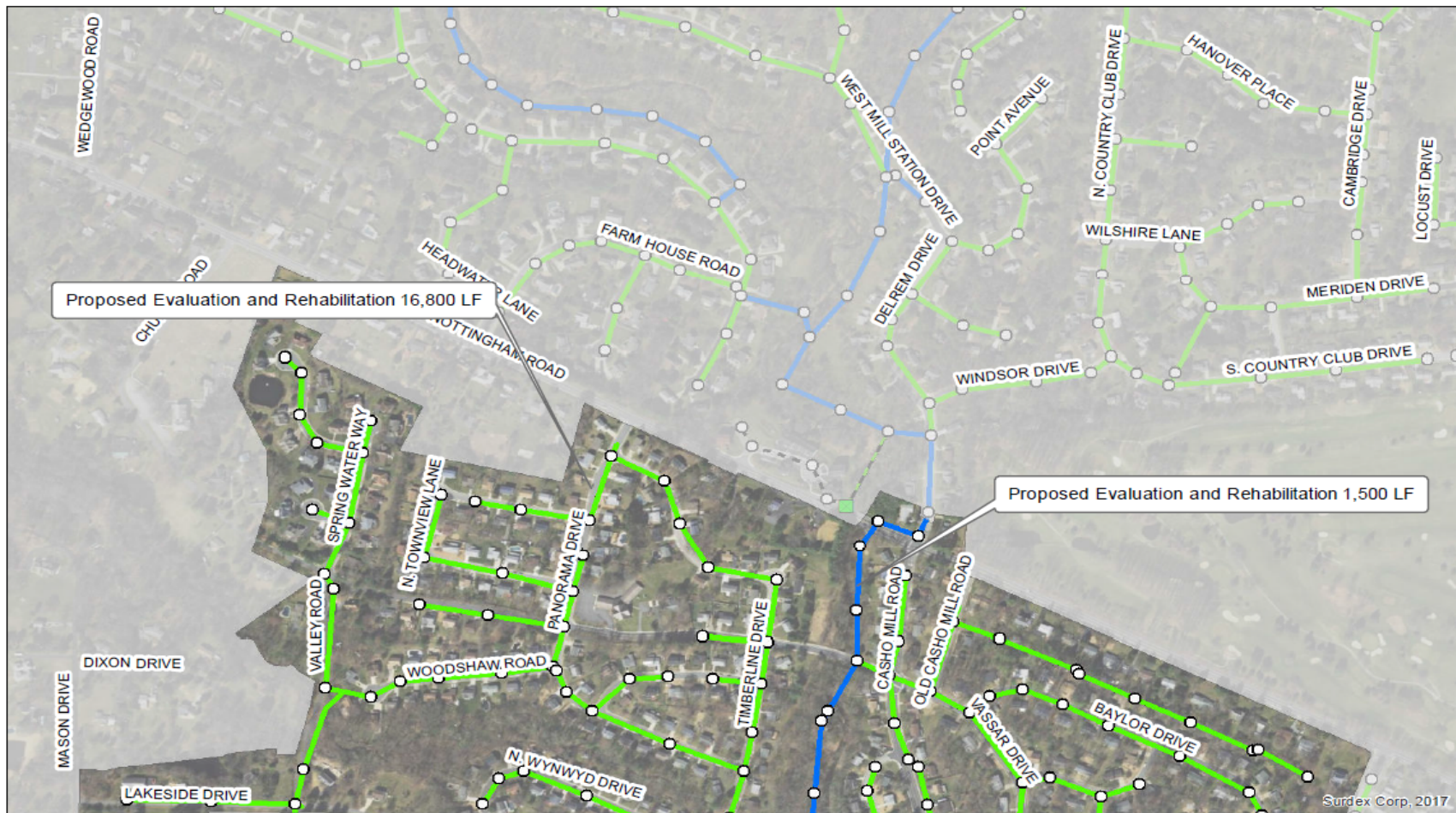
S0904: Sanitary Sewer Study and Repairs
Supporting Documentation - Page 2 (Barksdale Sewer Sub-Basin - Map 2 of 2)



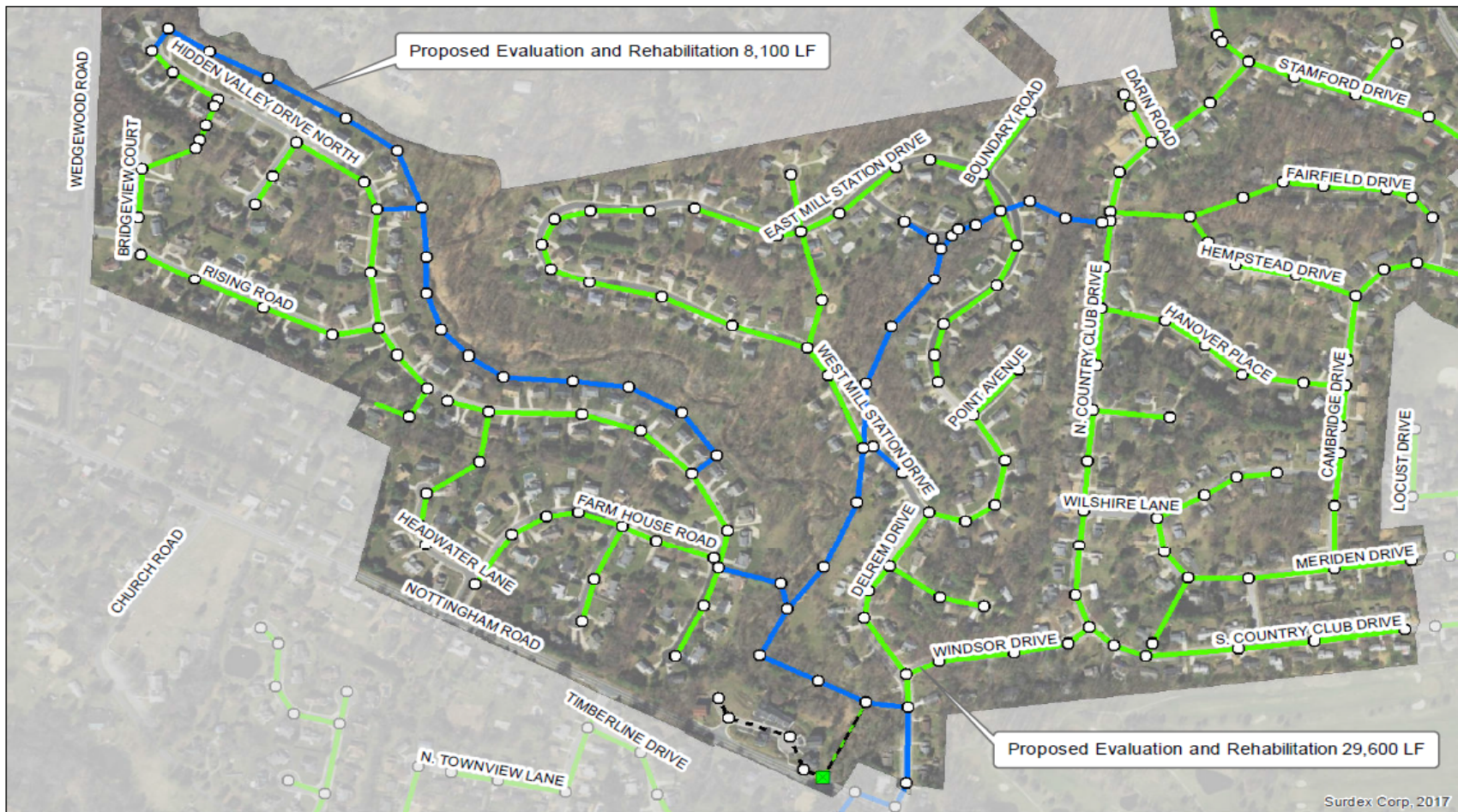
S0904: Sanitary Sewer Study and Repairs
Supporting Documentation - Page 3 (South Christina Sewer Sub-Basin - Map 1 of 2)



S0904: Sanitary Sewer Study and Repairs
Supporting Documentation - Page 4 (South Christina Sewer Sub-Basin - Map 2 of 2)



S0904: Sanitary Sewer Study and Repairs
Supporting Documentation - Page 5 (West Branch Sewer Sub-Basin - Map 1 of 2)



**CITY OF NEWARK
DELAWARE**

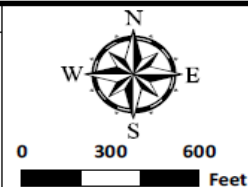
**Sanitary Sewer
Study and Repairs**

September 2019

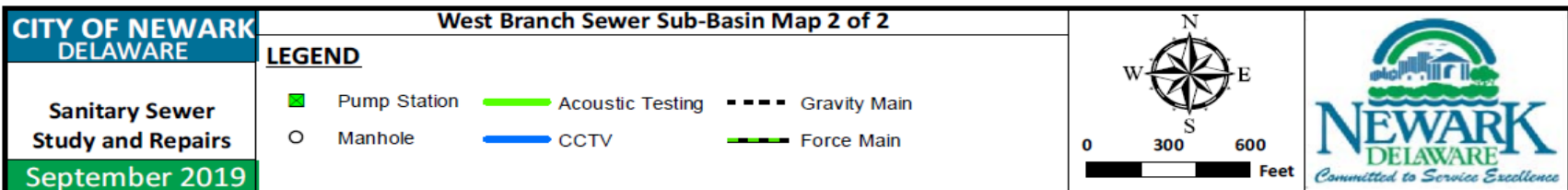
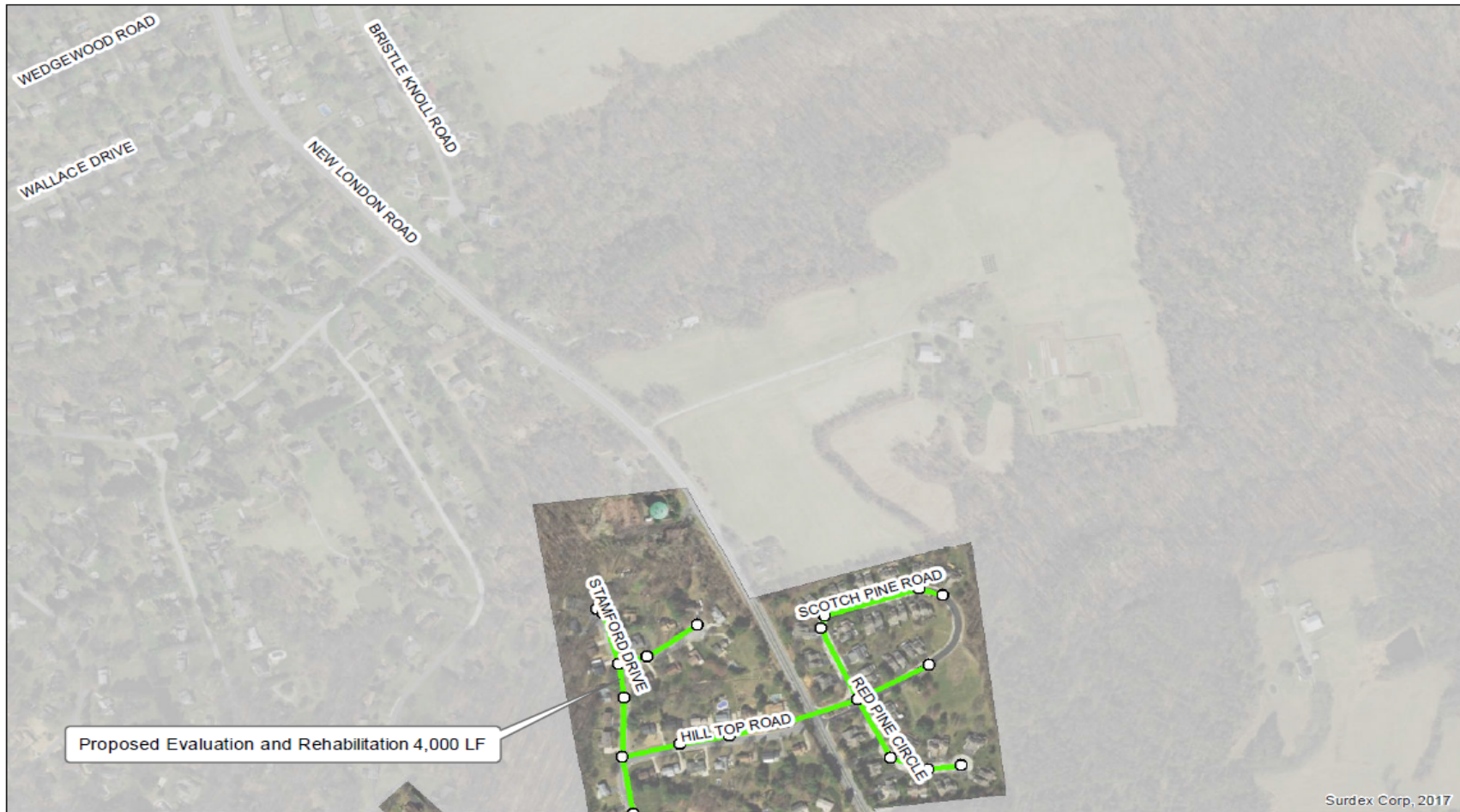
West Branch Sewer Sub-Basin Map 1 of 2

LEGEND

- | | | |
|--------------|------------------|--------------|
| Pump Station | Acoustic Testing | Gravity Main |
| Manhole | CCTV | Force Main |



S0904: Sanitary Sewer Study and Repairs
Supporting Documentation - Page 6 (West Branch Sewer Sub-Basin - Map 2 of 2)





PROJECT NO: SEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ 300,000	\$ 350,000	\$ 650,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ 300,000	\$ 350,000	\$ 650,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Sewer
FUND:	Sewer
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 650,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 650,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5395306.9623	\$ 650,000
TOTAL PROJECT COST		\$ 650,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Planned advance funding accumulated through depreciation to replace essential equipment when necessary.	
Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).	
The sinking fund for Vehicle 304 were utilized, in part, to purchase Vehicle 305. In 2015, an additional sewer crew of two employees and a service vehicle was brought on board. Vehicle 304 is expected to be replaced in 2023.	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	300,000	115,840	\$ 415,840		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	234,160	\$ 234,160		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 350,000	\$ 650,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
SEWER UTILITY

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>STAFF VEHICLES</u>													
304	2006 Int'l 4300 Jetter Truck	11/11/05	146,156	124,257	--	10	2015	2023	-				300,000	
305	2017 Western Star 4700SB	10/13/16	234,160	12,755	--	8	2024	2024	234,160					350,000
TOTAL SEWER UTILITY						GROSS ACQUISITION COST				\$ -	\$ -	\$ -	\$ 300,000	\$ 350,000
						LESS: USE OF CAPITAL RESERVES				-	-	-	-	-
						LESS: USE OF CURRENT RESOURCES				-	-	-	(300,000)	(115,840)
						NET EQUIPMENT SINKING FUND TOTAL				\$ -	\$ -	\$ -	\$ -	\$ 234,160

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

STORMWATER FUND - PUBLIC WORKS AND WATER RESOURCES DEPARTMENT - STORMWATER DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 2,931,053	\$ 645,000	\$ 570,000	\$ 640,000	\$ 870,000	\$ 5,656,053
*Prior Authorized Balance:	\$ 3,612,353	\$ -	\$ -	\$ -	\$ -	\$ 3,612,353
2020-2024 Funding:	\$ 6,543,406	\$ 645,000	\$ 570,000	\$ 640,000	\$ 870,000	\$ 9,268,406

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
Q1802	Rodney Regional Stormwater Park	A	\$ 4,938,500	\$ 5,977,353	\$ -	\$ 5,977,353	\$ -	\$ -	\$ -	\$ -	\$ 5,977,353
Q1301	Storm Drainage Improvements	B	491,000	-	466,053	466,053	575,000	500,000	525,000	550,000	2,616,053
Q0101	Stormwater Quality Improvements (NPDES Phase II Permit)	B	40,000	20,000	50,000	70,000	70,000	70,000	70,000	70,000	350,000
QEQSF	Equipment Replacement Program	B	315,000	30,000	-	30,000	-	-	45,000	250,000	325,000
Total Stormwater Fund - Stormwater Division			<u>\$ 5,784,500</u>	<u>\$ 6,027,353</u>	<u>\$ 516,053</u>	<u>\$ 6,543,406</u>	<u>\$ 645,000</u>	<u>\$ 570,000</u>	<u>\$ 640,000</u>	<u>\$ 870,000</u>	<u>\$ 9,268,406</u>

PLANNED FINANCING SOURCES											
GROSS CAPITAL IMPROVEMENTS	\$	5,784,500	\$	6,027,353	\$	516,053	\$	6,543,406	\$	645,000	\$ 9,268,406
LESS: USE OF RESERVES		(40,000)		(20,000)		-		(20,000)		-	(20,000)
VEHICLE & EQUIPMENT REPLACEMENT		(161,375)		(13,489)		-		(13,489)		-	(114,734)
GRANTS		(50,000)		(16,511)		-		(16,511)		(50,000)	(66,511)
BOND ISSUES		-		-		-		-		-	-
STATE REVOLVING LOANS		(4,775,000)		(5,977,353)		-		(5,977,353)		-	(5,977,353)
OTHER FINANCING SOURCES		-		-		-		-		-	-
NET CAPITAL IMPROVEMENTS	<u>\$</u>	<u>758,125</u>	<u>\$</u>	<u>-</u>	<u>\$</u>	<u>516,053</u>	<u>\$</u>	<u>516,053</u>	<u>\$</u>	<u>595,000</u>	<u>\$ 3,089,808</u>

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: Q1802
PROJECT TITLE: Rodney Regional Stormwater Park
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 2,365,000	\$ -	\$ -	\$ -	\$ -	\$ 2,365,000
*Prior Authorized Balance:	\$ 3,612,353	\$ -	\$ -	\$ -	\$ -	\$ 3,612,353
2020-2024 Funding:	\$ 5,977,353	\$ -	\$ -	\$ -	\$ -	\$ 5,977,353

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Stormwater
FUND:	Stormwater
PROJECT LOCATION:	103 Hillside Road
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Healthy & Active Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2020
Est. Useful Life (in years):	100
Est. Total Cost:	\$ 8,513,500
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 2,536,147
% Complete (if underway):	29.8%
Balance to be funded ¹ :	\$ 5,977,353

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5595506.9720	\$ 5,977,353
TOTAL PROJECT COST		\$ 5,977,353

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

City staff has identified the 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. After a year long public process to identify the features that residents wanted to see incorporated into the park and stormwater facility, the project was approved by voters in the 2018 Referendum. The project was also approved for funding through the State Revolving Loan Fund for \$9mm at 2% interest. The funding shown below is the latest estimate of timeline for completing the project, including remediation, demolition, purchase of the property, grading, and park amenities. Project Planning Advances and Planning Grants as well as Brownfield funding, have also been taken advantage of for this project.

\$163,500 was added in 2019 in order to recognize the capitalized interest payments for debt service for the State Revolving Loan.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	163,500	-	163,500	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	202,437	202,437	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	4,808,668	1,196,315	-	\$ 3,612,353	5,977,353	-	-	-	-	\$ 5,977,353
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 5,174,605	\$ 1,398,752	\$ 163,500	\$ 3,612,353	\$ 5,977,353	\$ -	\$ -	\$ -	\$ -	\$ 5,977,353
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: Q1301
PROJECT TITLE: Storm Drainage Improvements
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 466,053	\$ 575,000	\$ 500,000	\$ 525,000	\$ 550,000	\$ 2,616,053
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 466,053	\$ 575,000	\$ 500,000	\$ 525,000	\$ 550,000	\$ 2,616,053

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Stormwater
FUND:	Stormwater
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2013
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	75+
Est. Total Cost:	\$ 3,924,546
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 1,308,493
% Complete (if underway):	33.3%
Balance to be funded ¹ :	\$ 2,616,053

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5595506.9820	\$ 16,053
Materials:	5595506.9720	\$ 2,600,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 2,616,053

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
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 has prepared a 14 year plan for the repairs and annual repair locations have been presented as part of any Contract Recommendation brought to Council in annual budget presentations each year. Exhibits are attached for the anticipated work in 2019. 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 2018 we replaced the outfall of a culvert crossing on Wyoming Road which had recently failed. 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 and Recreation 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	

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	441,000	-	441,000	\$ -	466,053	525,000	500,000	525,000	550,000	\$ 2,566,053
CAPITAL RESERVES	817,493	339,120	478,373	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS SRF Planning	50,000	-	50,000	\$ -	-	50,000	-	-	-	\$ 50,000
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 1,308,493	\$ 339,120	\$ 969,373	\$ -	\$ 466,053	\$ 575,000	\$ 500,000	\$ 525,000	\$ 550,000	\$ 2,616,053
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -

Q1301: Storm Drainage Improvements **Supporting Documentation - Page 1**





NEWARK
DELAWARE
Committed to Service Excellence

**CMP STORM SEWER
 REHABILITATION
 PROGRAM**

**CAPITAL IMPROVEMENT
 PROGRAM EXHIBIT**

FY2020 - AREA 1

Legend

- Junction Box
- Discharge Point
- Inlet
- Manhole
- Red line Lining Required
- Green line Rehabilitated
- Blue line Removed from Program
- Grey line Gravity Main

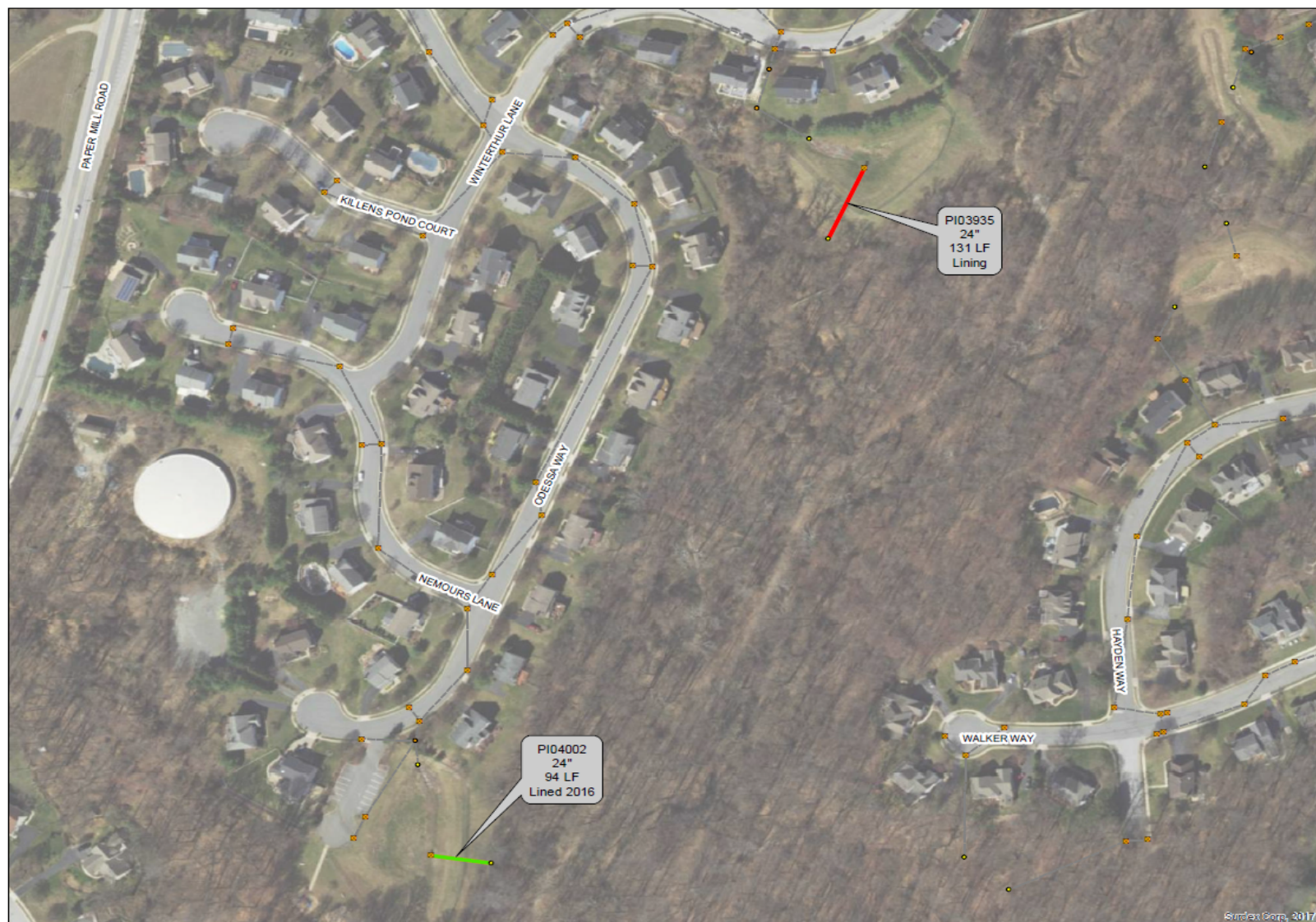


0 75 150
 FEET
 1" = 150 FT



AUGUST 2019

Q1301: Storm Drainage Improvements
Supporting Documentation - Page 2



**CMP STORM SEWER
REHABILITATION
PROGRAM**

**CAPITAL IMPROVEMENT
PROGRAM EXHIBIT**

FY2020 - AREA 2

Legend

- Junction Box
- Discharge Point
- Inlet
- Manhole
- ~ Lining Required
- ~ Rehabilitated
- ~ Removed from Program
- ~ Gravity Main



0 75 150
FEET
1" = 150 FT



AUGUST 2019

Q1301: Storm Drainage Improvements
Supporting Documentation - Page 3





NEWARK
DELAWARE
Committed to Service Excellence

**CMP STORM SEWER
 REHABILITATION
 PROGRAM**

**CAPITAL IMPROVEMENT
 PROGRAM EXHIBIT**

FY2020 - AREA 3

Legend

- Junction Box
- Discharge Point
- Inlet
- Manhole
- ~ Rehabilitated
- ~ Removed from Program
- ~ Gravity Main



0 75 150
 FEET
 1" = 150 FT



AUGUST 2019

Q1301: Storm Drainage Improvements Supporting Documentation - Page 4



CMP STORM SEWER REHABILITATION

CAPITAL IMPROVEMENT PROGRAM EXHIBIT

FY2020 - AREA 4

Legend

- Cross Bore Location
- Junction Box
- Discharge Point
- Inlet
- Manhole
- Lining Required
- Rehabilitated
- Removed from Scope
- Gravity Main

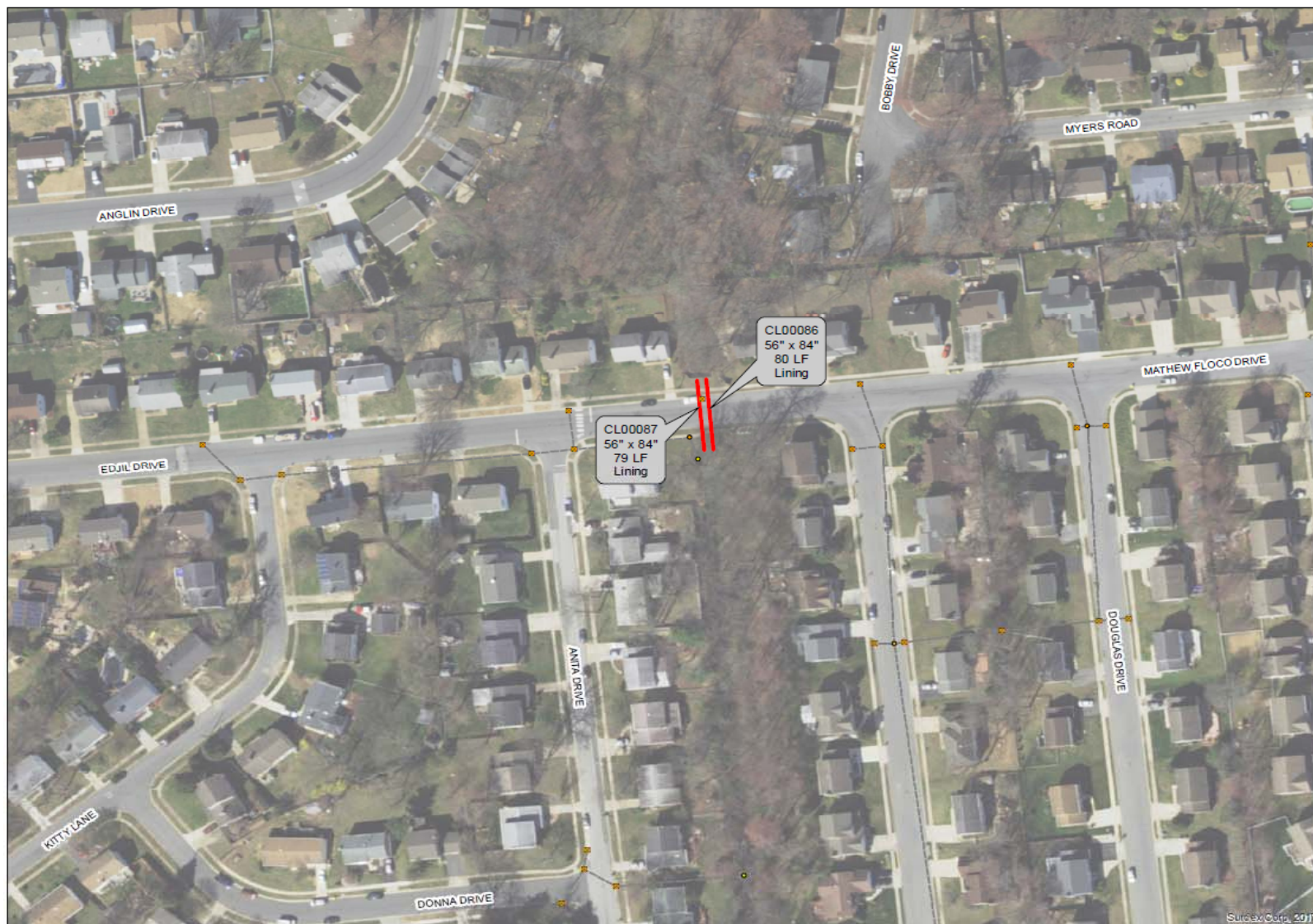


0 75 150
FEET
1" = 150 FT



AUGUST 2019

Q1301: Storm Drainage Improvements
Supporting Documentation - Page 5



**CMP STORM SEWER
REHABILITATION**

**CAPITAL IMPROVEMENT
PROGRAM EXHIBIT**

FY2020 - AREA 5

Legend

- Cross Bore Location
- Junction Box
- Discharge Point
- Inlet
- Manhole
- Lining
- Rehabilitated
- Removed from Scope
- Gravity Main



0 50 100
FEET
1" = 100 FT



SEPTEMBER 2019



PROJECT NO: Q0101
PROJECT TITLE: Stormwater Quality Improvements
 (NPDES Phase II Permit)
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 350,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 350,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Stormwater
FUND:	Stormwater
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2009
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 421,628
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 71,628
% Complete (if underway):	17.0%
Balance to be funded ¹ :	\$ 350,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5595506.9720	\$ 350,000
TOTAL PROJECT COST		\$ 350,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

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.

We chose not to complete a 2015 project due to uncertainty associated with impending changes to our permit of which we have been provided a pre-publication draft. We have commented on the pre-publication draft and anticipate the Final Permit in 2019. In 2018, we are in process of purchasing an aeration system for an exiting pond that will increase the water quality leaving the site. We are planning on \$40,000 annually to help with permit compliance.

Depending on the type of facility constructed, ongoing maintenance will be required including mowing, invasive weed removal, inspections, etc. We have assumed \$1,000 per year per facility in maintenance costs.

2019 - Stormwater Management Pond Retrofit is underway at Abbottsford

Increased funding \$10,000 per year to \$50,000 due to rising design and construction costs. In order to realize benefits, we need to tackle larger facilities which we can gain economies of scale. Changed the name slightly to better reflect intent.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	50,000	70,000	70,000	70,000	70,000	\$ 330,000
CAPITAL RESERVES	71,628	-	71,628	\$ -	20,000	-	-	-	-	\$ 20,000
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 71,628	\$ -	\$ 71,628	\$ -	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 350,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
INCREMENTAL COSTS (NET SAVINGS)					1,000	2,000	3,000	4,000	5,000	\$ 15,000



PROJECT NO: QEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 30,000	\$ -	\$ -	\$ 45,000	\$ 250,000	\$ 325,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 30,000	\$ -	\$ -	\$ 45,000	\$ 250,000	\$ 325,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PWWR
DIVISION:	Stormwater
FUND:	Stormwater
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 640,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 315,000
% Complete (if underway):	49.2%
Balance to be funded ¹ :	\$ 325,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5595506.9623	\$ 325,000
TOTAL PROJECT COST		\$ 325,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	153,625	144,616	9,009	\$ -	-	-	-	18,755	175,000	\$ 193,755
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	161,375	161,375	-	\$ -	13,489	-	-	26,245	75,000	\$ 114,734
GRANTS Green Energy	-	-	-	\$ -	16,511	-	-	-	-	\$ 16,511
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 315,000	\$ 305,991	\$ 9,009	\$ -	\$ 30,000	\$ -	\$ -	\$ 45,000	\$ 250,000	\$ 325,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
STORMWATER UTILITY

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>STAFF VEHICLES</u>													
212	2009 Ford Focus	04/03/09	13,489	57,046	80,000	8	2017	2020	13,489	30,000				
230	2007 Int'l SC7000 Sweeper- 4200 Int'l	10/18/16	75,000	13,084	60,000	8	2024	2024	75,000					250,000
231	2017 Tennant ATLV 4300 Litter Vacuum	11/14/17	43,993	--	--	8	2025	2025	43,993					
250	2006 Int'l 4700 Catch Basin Clnr	a. 12/22/05	161,375	79,732	60,000	8	2013	2019	161,375					
504	2012 Ford F250 Pickup Truck 4x4	09/21/12	26,245	59,621	110,000	10	2022	2023	26,245				45,000	
TOTAL STORMWATER UTILITY										\$ 30,000	\$ -	\$ -	\$ 45,000	\$ 250,000
LESS: USE OF CAPITAL RESERVES										-	-	-	-	-
LESS: USE OF GRANT FUNDING										(16,511)				
LESS: USE OF CURRENT RESOURCES										-	-	-	(18,755)	(175,000)
NET EQUIPMENT SINKING FUND TOTAL										\$ 13,489	\$ -	\$ -	\$ 26,245	\$ 75,000

a. This vehicle scheduled to be replaced in 2019.

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

GENERAL FUND - PUBLIC WORKS AND WATER RESOURCES DEPARTMENT - REFUSE, STREET AND ENGINEERING DIVISIONS

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 1,797,448	\$ 2,988,736	\$ 1,918,178	\$ 2,582,441	\$ 3,475,000	\$ 12,761,803
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 1,797,448	\$ 2,988,736	\$ 1,918,178	\$ 2,582,441	\$ 3,475,000	\$ 12,761,803
*Prior Authorized Balance includes 2019 carryover funding only.						

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
REQSF	Equipment Replacement Program	B	\$ -	\$ -	\$ -	\$ -	\$ 655,000	\$ -	\$ -	\$ 1,200,000	\$ 1,855,000
H2001	Annual Street Program	B	1,600,000	1,146,150	191,692	1,337,842	1,650,000	1,675,000	1,750,000	1,750,000	8,162,842
H2002	ADA Accessibility Transition Plan	C	153,150	156,395	3,211	159,606	159,736	163,178	166,441	175,000	823,961
H1903	Skid Steer Purchase	A	-	-	-	-	75,000	-	-	-	75,000
H1503	Newark Transportation Plan Implementation	A	20,000	-	300,000	300,000	20,000	20,000	20,000	-	360,000
HEQSF	Equipment Replacement Program	B	331,000	-	-	-	429,000	60,000	611,000	350,000	1,450,000
TEQSF	Equipment Replacement Program	B	75,000	-	-	-	-	-	35,000	-	35,000
Total General Fund - Refuse, Street and Engineering Divisions			<u>\$ 2,179,150</u>	<u>\$ 1,302,545</u>	<u>\$ 494,903</u>	<u>\$ 1,797,448</u>	<u>\$ 2,988,736</u>	<u>\$ 1,918,178</u>	<u>\$ 2,582,441</u>	<u>\$ 3,475,000</u>	<u>\$ 12,761,803</u>

PLANNED FINANCING SOURCES																		
GROSS CAPITAL IMPROVEMENTS	\$	2,179,150	\$	1,302,545	\$	494,903	\$	1,797,448	\$	2,988,736	\$	1,918,178	\$	2,582,441	\$	3,475,000	\$	12,761,803
LESS: USE OF RESERVES		(235,867)		(100,155)		-		(100,155)		(227,781)		(9,241)		(239,840)		(188,015)		(765,032)
VEHICLE & EQUIPMENT REPLACEMENT		(170,133)		-		-		-		(719,142)		(50,759)		(406,160)		(1,096,509)		(2,272,570)
GRANTS		(516,671)		(595,743)		-		(595,743)		(525,000)		(525,000)		(525,000)		(525,000)		(2,695,743)
BOND ISSUES		(228,150)		(456,647)		-		(456,647)		(134,736)		(138,178)		-		-		(729,561)
OTHER FINANCING SOURCES		<u>(150,000)</u>		<u>(150,000)</u>		<u>-</u>		<u>(150,000)</u>		<u>(150,000)</u>		<u>(150,000)</u>		<u>(100,000)</u>		<u>(100,000)</u>		<u>(650,000)</u>
NET CAPITAL IMPROVEMENTS	\$	<u>878,329</u>	\$	<u>-</u>	\$	<u>494,903</u>	\$	<u>494,903</u>	\$	<u>1,232,077</u>	\$	<u>1,045,000</u>	\$	<u>1,311,441</u>	\$	<u>1,565,476</u>	\$	<u>5,648,897</u>

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: REQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 655,000	\$ -	\$ -	\$ 1,200,000	\$ 1,855,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 655,000	\$ -	\$ -	\$ 1,200,000	\$ 1,855,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PWWR
DIVISION:	Refuse
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 1,855,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 1,855,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 1,855,000
TOTAL PROJECT COST		\$ 1,855,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

Vehicle #423 (2009 International 7400 Rear Loader) - Was pushed back from 2019 to 2020. The vehicle can be retained and used in daily operations, however the maintenance costs related may increase as a result.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	137,077	-	-	265,476	\$ 402,553
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	517,923	-	-	934,524	\$ 1,452,447
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 655,000	\$ -	\$ -	\$ 1,200,000	\$ 1,855,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET			OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
			INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, REFUSE DIVISION

VEHICLE NUMBER	DESCRIPTION		PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
											2020	2021	2022	2023	2024
	<u>REFUSE COLLECTION</u>														
409	2006 Int'l 7400 26CY One-Man Packer	b.	09/12/05	146,659	87,425	65,000	8	2013	--	146,659					
410	2015 Peterbuilt 320 Tractor/Trailer		11/30/14	285,690	52,115	65,000	8	2021	2021	285,690		250,000			
411	2016 Freightliner M2 Class 8		05/26/16	232,105	37,565	65,000	8	2024	2024	232,105					300,000
418	2018 Peterbuilt 348, 6x4 Chassis		02/07/18	193,963	15,956	65,000	8	2018	2026	193,963					
423	2009 Int'l 7400 Rear Loader	a.	06/11/09	151,775	77,827	85,000	8	2017	2019	151,775		225,000			
453	2016 Freightliner M2 Class 8		05/26/16	232,105	32,966	75,000	8	2024	2024	232,105					300,000
454	2016 Freightliner M2 Class 8		01/07/16	235,157	41,840	65,000	8	2024	2024	235,157					300,000
456	2016 Freightliner M2 Class 8		01/07/16	235,157	40,291	65,000	8	2024	2024	235,157					300,000
	<u>SPECIAL COLLECTION</u>														
440	2011 Freightliner Knuckleboom M2-106		06/17/11	116,148	38,266	100,000	10	2021	2021	116,148		180,000			
441	1997 Int'l Knuckleboom		12/31/96	67,190	109,777	--	--	--	--	67,190					
TOTAL REFUSE DIVISION											\$ -	\$ 655,000	\$ -	\$ -	\$ 1,200,000
LESS: USE OF CAPITAL RESERVES											-			-	-
LESS: USE OF CURRENT RESOURCES											-	(137,077)	-	-	(265,476)
NET EQUIPMENT SINKING FUND TOTAL											\$ -	\$ 517,923	\$ -	\$ -	\$ 934,524

- a. This vehicle scheduled to be replaced in 2019.
b. This vehicle will not be replaced.



PROJECT NO: H2001
PROJECT TITLE: Annual Street Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 1,337,842	\$ 1,650,000	\$ 1,675,000	\$ 1,750,000	\$ 1,750,000	\$ 8,162,842
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 1,337,842	\$ 1,650,000	\$ 1,675,000	\$ 1,750,000	\$ 1,750,000	\$ 8,162,842

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 9,762,842
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 1,600,000
% Complete (if underway):	16.4%
Balance to be funded ¹ :	\$ 8,162,842

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	3063006.9820	\$ 12,842
Materials:		\$ -
Other Contracts:	3063006.9760	\$ 8,150,000
TOTAL PROJECT COST		\$ 8,162,842

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

In 2018 we contracted with a consultant to utilize an optimization software to analyze our road survey data and update previous reports using the same software. This program provided the City the optimal street repair locations and methods to use for the most economical use of our funding. 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. As we have previously discussed, the optimization analysis shows that we would need to spend approximately \$1.5 - \$2.0 Million each year to maintain our current roadway conditions.

Individual streets are chosen for rehabilitation based on several factors including the report mentioned above, coordination with other operating departments and PWWR divisions, recent development, and funding from legislators.

*Please note, capitalized personnel figures were included with the 2020 figure.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	858,329	-	858,329	\$ -	191,692	1,000,000	1,025,000	1,150,000	1,150,000	\$ 4,516,692
CAPITAL RESERVES	-	-	-	\$ -	100,155	-	-	-	-	\$ 100,155
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS MSA (Updated 2018)	491,671	2,306	489,365	\$ -	570,743	500,000	500,000	500,000	500,000	\$ 2,570,743
BOND ISSUES	100,000	-	100,000	\$ -	325,252	-	-	-	-	\$ 325,252
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER CTF	150,000	-	150,000	\$ -	150,000	150,000	150,000	100,000	100,000	\$ 650,000
TOTAL:	\$ 1,600,000	\$ 2,306	\$ 1,597,694	\$ -	\$ 1,337,842	\$ 1,650,000	\$ 1,675,000	\$ 1,750,000	\$ 1,750,000	\$ 8,162,842
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: H2002
PROJECT TITLE: ADA Accessibility Transition Plan
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 159,606	\$ 159,736	\$ 163,178	\$ 166,441	\$ 175,000	\$ 823,961
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 159,606	\$ 159,736	\$ 163,178	\$ 166,441	\$ 175,000	\$ 823,961

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level
	Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Inclusive Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2009
Est. Completion Date:	2026
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 952,111
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 128,150
% Complete (if underway):	13.5%
Balance to be funded ¹ :	\$ 823,961

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	3063006.9820	\$ 3,211
Other Contracts:	1191196.9621	\$ 131,320
Other Contracts:	3063006.9760	\$ 689,430
TOTAL PROJECT COST		\$ 823,961

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

REFERENDUM PROJECT

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.

As of July 1, 2019, the City of Newark Handicapped Ramp count is shown below:

- ADA Compliant Ramps – 1464
- Non-ADA Complaint Ramps – 310
- Total Ramps – 1774
- Locations that need ramps – 5

The 2019 ADA Accessibility Contract will address approximately 40 of these non-compliant ramps, assuming favorable bid results that allow us to execute the entire proposed contract. We would expect to be able to complete approximately 40 ramps in 2020 with similar funding levels.

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 requirements.

***Please note, capitalized personnel figures were included with the 2020 figure.**

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	3,211	-	-	141,441	150,000	\$ 294,652
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS CDBG	-	-	-	\$ -	25,000	25,000	25,000	25,000	25,000	\$ 125,000
BOND ISSUES	128,150	-	128,150	\$ -	131,395	134,736	138,178	-	-	\$ 404,309
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 128,150	\$ -	\$ 128,150	\$ -	\$ 159,606	\$ 159,736	\$ 163,178	\$ 166,441	\$ 175,000	\$ 823,961
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: H1903
PROJECT TITLE: Skid Steer Purchase
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	General
PROJECT LOCATION:	Field Operations Complex
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2019
Est. Completion Date:	2021
Est. Useful Life (in years):	N/A
Est. Total Cost:	\$ 75,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 75,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	3063006.9622	\$ 75,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 75,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

PWWR has from time to time rented a skid steer type piece of equipment for various in-house projects over the past 5 years. It has come in handy on these projects and allowed all divisions to complete tasks more efficiently and effectively. There are several implements that can be fitted to the front of the machine including, but not limited to the following:

Snow blower - the anticipated two-way cycletrack on Delaware Avenue will require a piece of equipment to remove the snow in a smaller space than our traditional plows will be able to. This option would allow us to blow the snow directly into a dump truck for removal from this busy road.

Asphalt milling head - Currently asphalt patches are completed in three steps by sawcutting, digging out the old, then laying the new asphalt. This head would allow us to quickly mill out the old paving and lay the new paving, likely in the same day. Use in conjunction with the asphalt patching machine would allow a better repair of problem potholes.

Rotary broom - easy cleanup of road surfaces after maintenance operations

PWWR Typically spends \$4,000 per year on a rental skid steer for various tasks.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	75,000	-	-	-	\$ 75,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	750	750	750	\$ 2,250



PROJECT NO: H1503
PROJECT TITLE: Newark Transportation Plan Implementation
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 300,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ 360,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 300,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ 360,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	General
PROJECT LOCATION:	Various
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2015
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 1,175,759
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 815,759
% Complete (if underway):	69.4%
Balance to be funded ¹ :	\$ 360,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9760	\$ 360,000
TOTAL PROJECT COST		\$ 360,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

The major part of this project, the Main Street pedestrian upgrades, is scheduled to begin in March of 2019 in conjunction with the repaving of Main Street.

Funding remains in the out years in order to take advantage of grant opportunities, which are typically 20% matches for federal money.

Estimated \$300,000 for additional Safe Routes To School upgrades for Downes School on Casho Mill Road. Council supported the item in 2019(Item 7B Minutes of April 22, 2019) Copied below for reference. Can be deleted when hearings are complete.

18. 7-B. RECOMMENDATION TO ENTER INTO AGREEMENT WITH DELDOT TO PARTIALLY FUND THE DOWNES ELEMENTARY SCHOOL SAFE ROUTES TO SCHOOL PROJECT
4:21:40Mr. Filasky read the recommendation into the record and said City proposed to enter into agreement with DeIDOT to cosponsor additional design and construction associated with the Downes Elementary Safe Routes to School Program. He clarified this would increase safety and promote awareness regarding alternative routes to school. Mr. Filasky said DeIDOT had a \$125,000 budget of federal funds, which triggered requirements in order to pay prevailing wage and other items. He announced the City would be a cosponsor of the project and needed to approve use of funds now that would not be spent until 2020 in order to move forward. Mr. Filasky thought a risk associated with spending the design money was if the City did not approve money for the actual construction. If this was the case, he said the striping work would be completed by DeIDOT, regardless of whether the City put the concrete in or not. While Mr. Filasky emphasized the intent was to put the median and crosswalks in, he clarified it was still a viable project even if it was not funded in the 2020 budget. Mr. Filasky referenced the memo to Mayor and Council dated April 15, 2019 and read staff's recommendation for this matter. Mr. Clifton opened discussion to the table. Mr. Horning believed there was a growing concern from residents along the roads that entered onto Casho Mill Road. Since he moved into the Nottingham Green development in 2009, Mr. Horning observed a significant increase in traffic speed on the road. Mr. Horning believed residents would support the recommendation as it would improve the overall safety on that stretch of road. He thought this was an overarching concern for District 1 as a whole. Mr. Filasky said he was reasonably confident the proposed changes would improve safety in the area and would slow down traffic. Mr. Coleman announced one of the first goals of the project was to add enough features in the roadway to reduce the speed limit from 30 m.p.h. to 25 m.p.h. He reported there were statistically significant improvements in safety that substantiated reduction in speed from 30 m.p.h. to 25 m.p.h. Mr. Coleman believed the project was beneficial and thought staff overwhelmingly supported it. Mr. Filasky said the project was thoroughly reviewed and was approved through a consortium at Downes Elementary School. There was no public comment.

MOTION BY MS. WALLACE, SECONDED BY MR. HORNING: THAT MAYOR AND COUNCIL AUTHORIZE ENTERING INTO AN AGREEMENT WITH DELDOT AS COSPONSOR OF THE PLANNED DOWNES ELEMENTARY SAFE ROUTES TO SCHOOL PROJECT, FOR THE ENGINEERING DESIGN OF THE ABOVE REFERENCED ENHANCEMENTS IN THE AMOUNT OF \$40,000 AND AUTHORIZE ADDITIONAL FUNDING OF UP TO \$192,861 FOR THE CONSTRUCTION OF THE DOWNES ELEMENTARY SAFE ROUTES TO SCHOOL INFRASTRUCTURE IMPROVEMENTS. SHOULD THE BIDS FOR THE WORK ASSOCIATED WITH CITY'S SCOPE COME IN HIGHER THAN ESTIMATED AND OR INCLUDED IN THE APPROVED 2020 BUDGET, STAFF WILL WORK WITH DELDOT TO REVISE THE PROJECT SCOPE TO REMAIN UNDER THE BUDGET AMOUNT OR RETURN TO COUNCIL FOR APPROVAL. MOTION PASSED.

VOTE: 6 to 0. Aye – Clifton, Lawhorn, Hughes, Horning, Markham, Wallace. Nay – 0. Absent – Hamilton

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	20,000	-	20,000	\$ -	300,000	20,000	20,000	20,000	-	\$ 360,000
CAPITAL RESERVES	91,759	-	91,759	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER DeIDOT	704,000	-	704,000	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 815,759	\$ -	\$ 815,759	\$ -	\$ 300,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ 360,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: HEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 429,000	\$ 60,000	\$ 611,000	\$ 350,000	\$ 1,450,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 429,000	\$ 60,000	\$ 611,000	\$ 350,000	\$ 1,450,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 1,781,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 331,000
% Complete (if underway):	18.6%
Balance to be funded ¹ :	\$ 1,450,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 1,450,000
TOTAL PROJECT COST		\$ 1,450,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Planned advance funding accumulated through depreciation to replace essential equipment when necessary.	
Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	208,204	-	208,204	\$ -	-	227,781	9,241	226,646	188,015	\$ 651,683		
EQUIPMENT REPLACEMENT	122,796	-	122,796	\$ -	-	201,219	50,759	384,354	161,985	\$ 798,317		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 331,000	\$ -	\$ 331,000	\$ -	\$ -	\$ 429,000	\$ 60,000	\$ 611,000	\$ 350,000	\$ 1,450,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, STREET DIVISION

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>FOREMAN'S TRUCK</u>													
515	2013 Ford F150 Pickup 4x4	06/28/13	19,994	46,518	95,000	10	2023	2023	19,994				45,000	
	<u>SIGNS & PAINTING</u>													
551	2012 Ford F450 Stake Truck	01/20/12	50,759	57,531	100,500	8	2020	2022	50,759		60,000			
	<u>DUMP TRUCKS</u>													
522	2015 Ford F650	07/31/15	106,500	12,673	75,000	10	2025	2025	106,500					
523	2012 International 7400 SBA	c. 10/14/11	161,985	23,150	75,000	7	2018	2023	161,985				260,000	
528	2002 Int'l 4900 Dump Truck	a. 08/31/01	88,107	60,477	100,000	10	2011	2019	88,107					
542	2017 Ford F350 Super Duty/Dump Body	11/27/17	53,746	4,618	85,000	10	2027	2027	53,746					
550	2004 Int'l 7400 Dump Truck	11/21/03	95,845	69,410	75,000	10	2013	2020	95,845		196,000			
553	2013 Int'l 7400 Dump Truck/Swap Loader	e. 03/28/13	161,985	20,266	80,000	10	2023	2024	161,985					350,000
554	2004 Int'l 7400 Dump Truck	11/21/03	95,845	70,829	60,000	10	2013	2021	95,845		208,000			
	<u>OTHER EQUIPMENT</u>													
502	1984 Ingersoll Air Compressor	02/13/85	9,529	--	--	--	--	2021	9,529		25,000			
508	2000 Tarco Windy 400 Vac Leaf Loader	d. 12/15/00	35,200	--	--	--	--	--	-					
509	2001 Tarco Windy 400 Vac Leaf Loader	d. 07/13/01	35,200	--	--	--	--	--	-					
510	2000 Tarco Windy 400 Vac Leaf Loader	a. 02/20/98	34,689	--	--	12	2010	2019	34,689					
511	2013 Case 590 SM Loader/Backhoe 4x4	01/07/14	92,375	--	--	9	2023	2023	92,375				150,000	
525	2011 ODB Leaf Machine 20CY	10/14/11	55,000	--	--	7	2018	2023	55,000				78,000	
527	2013 ODB Leaf Loader 20CY	03/28/13	55,000	--	--	10	2023	2023	55,000				78,000	
531	2018 Case 621G Wheel Loader	06/01/18	165,031	--	--	10	2018	2028	165,031					
TOTAL STREET DIVISION										\$ -	\$ 429,000	\$ 60,000	\$ 611,000	\$ 350,000
											(227,781)	(9,241)	(226,646)	(188,015)
											-	-	-	-
										\$ -	\$ 201,219	\$ 50,759	\$ 384,354	\$ 161,985

- a. This vehicle scheduled to be replaced in 2019.
- c. This vehicle is the first swaploader purchase. Old 523, a 1997 Int'l 4900, was renumbered 552 and retained as a backup vehicle.
- d. This vehicle is the second swaploader- funds from 508 and 509 (not to be replaced) were used to purchase in 2013.
- e. This vehicle will not be replaced - its replacement funds were used as part of the second swap loader replacement (vehicle 553)



PROJECT NO: TEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PWWR
DIVISION:	Engineering
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 110,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 75,000
% Complete (if underway):	68.2%
Balance to be funded ¹ :	\$ 35,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 35,000
TOTAL PROJECT COST		\$ 35,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	27,663	12,833	14,830	\$ -	-	-	-	13,194	-	\$ 13,194
EQUIPMENT REPLACEMENT	47,337	47,337	-	\$ -	-	-	-	21,806	-	\$ 21,806
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 75,000	\$ 60,170	\$ 14,830	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, ENGINEERING DIVISION

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS									
										2020	2021	2022	2023	2024					
	<u>STAFF VEHICLES</u>																		
714	2015 Ford F350 SD Pickup Truck	11/30/14	30,978	14,843	85,000	10	2025	2025	30,978										
735	2019 Dodge Ram 1500 Classic Tradesman	07/26/19	19,024	-	80,000	10	2029	2029	19,024										
	<u>INSPECTORS</u>																		
700	2019 Chevrolet Equinox AWD	06/07/19	22,122	1,075	65,000	10	2029	2029	22,122										
711	2019 Dodge Ram 1500 Classic Tradesman	07/29/19	19,024	-	80,000	10	2029	2029	19,024										
748	2017 Ford F150 Pickup Truck	08/04/17	20,832	9,007	60,000	10	2027	2027	20,832										
	<u>SURVEY VAN</u>																		
746	2013 Ford Van Transit Connect	08/30/13	21,806	14,457	99,000	10	2023	2023	21,806				35,000						
TOTAL ENGINEERING DIVISION																			
GROSS ACQUISITION COST										\$	-	\$	-	\$	-	\$	35,000	\$	-
LESS: USE OF CAPITAL RESERVES											-		-		-		(13,194)		-
LESS: USE OF CURRENT RESOURCES											-		-		-		-		-
NET EQUIPMENT SINKING FUND TOTAL										\$	-	\$	-	\$	-	\$	21,806	\$	-
a. This vehicle scheduled to be replaced in 2019.											-		-		-		-		-

a. This vehicle scheduled to be replaced in 2019.

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

GENERAL FUND - POLICE DEPARTMENT

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 605,964	\$ 4,979,403	\$ 207,734	\$ 735,568	\$ 681,884	\$ 7,210,553
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 605,964	\$ 4,979,403	\$ 207,734	\$ 735,568	\$ 681,884	\$ 7,210,553

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
C2001	Police Firearms Range	D	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 4,453,000	\$ -	\$ -	\$ -	\$ 4,703,000
C2002	Vehicle 943 Addition to Fleet	B	-	-	-	-	49,000	-	-	-	49,000
C2003	Vehicle 901 Addition to Fleet	B	-	-	-	-	24,870	-	-	-	24,870
C2004	Vehicle Radios	B	-	33,570	-	33,570	-	-	-	-	33,570
C2005	Building Camera Project	D	-	23,400	-	23,400	-	-	-	-	23,400
C1902	Mobile Video Recording Refresh	B	190,224	-	50,116	50,116	50,116	50,116	50,116	-	200,464
C1903	NPD Ethernet Rewiring Project	D	32,000	-	-	-	-	-	-	-	-
C1904	Body Worn Camera Project	B	115,658	-	68,268	68,268	68,268	68,268	68,268	-	273,072
C1601	Taser X26P Replacement	B	21,408	21,408	-	21,408	22,478	23,601	24,781	26,020	118,288
C1401	Ballistic Vests	B	14,034	7,202	-	7,202	30,671	13,749	7,403	15,864	74,889
CEQSF	Equipment Replacement Program	B	240,000	120,152	31,848	152,000	281,000	52,000	585,000	640,000	1,710,000
Total General Fund - Police Department			\$ 613,324	\$ 205,732	\$ 400,232	\$ 605,964	\$ 4,979,403	\$ 207,734	\$ 735,568	\$ 681,884	\$ 7,210,553

PLANNED FINANCING SOURCES											
GROSS CAPITAL IMPROVEMENTS		\$	613,324	\$	205,732	\$	400,232	\$	605,964	\$	7,210,553
LESS: USE OF RESERVES			(50,923)		(23,400)		-		(23,400)		(23,400)
VEHICLE & EQUIPMENT REPLACEMENT			(224,519)		(182,332)		-		(182,332)		(1,395,417)
GRANTS			(165,000)		-		-		-		-
BOND ISSUES			-		-		-		-		-
OTHER FINANCING SOURCES			-		-		-		-		-
NET CAPITAL IMPROVEMENTS		\$	172,882	\$	-	\$	400,232	\$	400,232	\$	1,588,736

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: C2001
PROJECT TITLE: Police Firearms Range
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 250,000	\$ 4,453,000	\$ -	\$ -	\$ -	\$ 4,703,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 250,000	\$ 4,453,000	\$ -	\$ -	\$ -	\$ 4,703,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	Cecil County
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2020
Est. Completion Date:	2021
Est. Useful Life (in years):	50+
Est. Total Cost:	\$ 4,703,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 4,703,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 4,703,000
TOTAL PROJECT COST		\$ 4,703,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

There are two firearms training facilities utilized by the Newark Police Department; the Delaware National Guard Police Range and the Southern Chester County Regional Police Department Range which, NPD pays a fee for its use. The Delaware National Guard Police Range is utilized by 17 law enforcement agencies (approx. 2,500+ officers) and the Southern Chester County Regional Police Department Range is utilized by six law enforcement agencies. Additionally, the Southern Chester County Regional Police Department Range is on property owned by the New Garden Flying Field and is currently being actively marketed for sale.

The Newark Police Department requires the use of a firearms range approximately 55 days (440 hours) per year to accomplish the minimum standard for firearms related training. The required training includes twice monthly SWAT in-service training, monthly Sniper/Observer in-service training, department wide firearms in-service training, recruit firearms training, Citizens Police Academy demonstrations, and one open range day per year for off-duty employees. The scheduling of range time is only possible when NPD utilizes both ranges and NPD is often forced to change training schedules at the last minute to accommodate the needs of larger agencies.

The addition of a new departmental range is seen as an opportunity to improve the efficiency and quality of training as well as expand training opportunities which target the needs of specially trained officers, specialized units, poorly shooting officers, and the NPD firearms training program in general. It would also allow for more efficient scheduling of officers for in-service training, limiting the need for overtime and additional personnel at each training session.

The NPD and the Cecil County Sheriff's Office have been engaged in talks to acquire a tract of land in Cecil County that would be leased to the city for 50+ years at little cost. NPD and CCSO would be full partners upon construction completion.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	250,000	250,000	-	-	-	\$ 500,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER TBD	-	-	-	\$ -	-	4,203,000	-	-	-	\$ 4,203,000
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 4,453,000	\$ -	\$ -	\$ -	\$ 4,703,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: C2002
PROJECT TITLE: Vehicle 943 Addition to Fleet
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 49,000	\$ -	\$ -	\$ -	\$ 49,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 49,000	\$ -	\$ -	\$ -	\$ 49,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Administration
FUND:	General
PROJECT LOCATION:	NPD
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 49,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 49,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 49,000
TOTAL PROJECT COST		\$ 49,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The School Resource Officer (SRO) position is not currently assigned a departmental vehicle. Generally, the SRO utilizes an old police vehicle that has been retired from the fleet rather than tie up a vehicle that is needed for patrol. These spare vehicles tend to be unreliable and are not in the best condition. Additionally, these vehicles are not equipped with a police radio or computer (MDT). The SRO position requires travel between the various schools as well as the transport of students for various reasons. This vehicle will be outfitted the same as a patrol vehicle and provides redundancy if needed for patrol use.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	49,000	-	-	-	\$ 49,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,000	\$ -	\$ -	\$ -	\$ 49,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: C2003
PROJECT TITLE: Vehicle 901 Addition to Fleet
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 24,870	\$ -	\$ -	\$ -	\$ 24,870
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 24,870	\$ -	\$ -	\$ -	\$ 24,870

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Special Enforcement - Traffic Unit
FUND:	General
PROJECT LOCATION:	NPD
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	2021
Est. Useful Life (in years):	12
Est. Total Cost:	\$ 24,870
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 24,870

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 24,870
TOTAL PROJECT COST		\$ 24,870

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The NPD Traffic Unit is staffed with three officers and a fourth officer is expected to be assigned to the unit later this year. Each of the Traffic officers are required to be motorcycle operator certified and are expected to utilize the motorcycles for routine traffic enforcement. Additionally, the police motorcycles are routinely deployed for special events and escorts. The use of motorcycles during special events has proven to be very effective. A staff officer recently noted in a special event after action, "All three of the Department's motorcycles were utilized during this event. This was key to successful navigation of the traffic following the event, where there were calls for service (fights and disorderly conduct). All future orders should mandate that all three motorcycles are utilized for order maintenance and/or traffic response. Adding more motorcycles and operators to the Department's fleet should be seriously considered."

As stated, the Traffic Unit currently has three police motorcycles assigned. The addition of a fourth would allow the deployment of two officer teams for enforcement, special details and events. Also, the use of police motorcycles frees up other fleet vehicles for use by officers.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	24,870	-	-	-	\$ 24,870		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,870	\$ -	\$ -	\$ -	\$ 24,870		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: C2004
PROJECT TITLE: Police Radios
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 33,570	\$ -	\$ -	\$ -	\$ -	\$ 33,570
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 33,570	\$ -	\$ -	\$ -	\$ -	\$ 33,570

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	NPD
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	2020
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 33,570
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 33,570

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	3063006.9622	\$ 32,570
Other Contracts:	3063006.9622	\$ 1,000
TOTAL PROJECT COST		\$ 33,570

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

In 2016, the State of Delaware began an eight-year Technology Refresh Project that included the transition to a state-of-the art IP-based radio system to enhance interoperability. Upon completion of the project in 2024, NPD's older APX vehicle radios will no longer operate on this system. The police department has been upgrading radios since 2018; however, three radios still need to be upgraded. Motorola is offering a \$500 trade-in with the purchase of a new vehicle radio for 2020. This trade-in value will decrease to \$300 in 2021.

Additionally, the department is moving to add two vehicles to the fleet (SRO and Traffic Unit motorcycle) which require new vehicle radios. Lastly, Motorola will no longer manufacture parts for the portable XTS 5000 should these radios need repair. NPD has ten of these radios still assigned to officers. The plan is to replace these radios with the upgraded APX Portable over the next few years as there is no applicable trade-in for the portable radios. NPD is looking to start with the purchase of three portable radios in 2020.

Price breakdown:

APX 6500 Vehicle Radio – \$3,825 (\$4,325 - \$500 trade-in)

Installation - \$150

Total (5 units)– \$19,875

APX 6000 Portable - \$4,445 ea.

Single Unit Charger - \$120

Total (3 units) - \$13,695

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	33,570	-	-	-	-	\$ 33,570
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 33,570	\$ -	\$ -	\$ -	\$ -	\$ 33,570
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: C2005
PROJECT TITLE: Building Camera Project
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 23,400	\$ -	\$ -	\$ -	\$ -	\$ 23,400
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 23,400	\$ -	\$ -	\$ -	\$ -	\$ 23,400

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	NPD
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	2020
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 23,400
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 23,400

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	3063006.9622	\$ 19,500
Other Contracts:	3063006.9622	\$ 3,900
TOTAL PROJECT COST		\$ 23,400

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The Police Department is seeking to replace and/or add cameras to the interior and exterior of the building to enhance structure safety and capture digital evidence. The majority of the cameras protecting the structure are the original cameras implemented during the construction of the department. The existing cameras are antiquated and limited in coverage and clarity, providing minimal evidentiary value. The exterior cameras provide vital coverage for the parking lot of city assets, entrances/exits of city employees and arrival/departure of detainees. Some of the interior cameras provide critical recordings of detainees in police custody.

The purpose of the project will be to replace several of the existing cameras and add several cameras to identified areas. These cameras will enhance coverage within the building and the surrounding vicinity of the department with significantly improved quality and resolution of cameras well over a decade old. Further the ability to replace/add on schedule reduces the likelihood of a significant lapse of critical coverage while awaiting the equipment and installation of either an exterior or interior camera.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES Court Security Fee	-	-	-	\$ -	23,400	-	-	-	-	\$ 23,400
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 23,400	\$ -	\$ -	\$ -	\$ -	\$ 23,400
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: C1902
PROJECT TITLE: Mobile Video Recording Refresh
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 50,116	\$ 50,116	\$ 50,116	\$ 50,116	\$ -	\$ 200,464
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 50,116	\$ 50,116	\$ 50,116	\$ 50,116	\$ -	\$ 200,464

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	Police Station
PROJECT PRIORITY:	1 - Highest Priority Level
	Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2019
Est. Completion Date:	2023
Est. Useful Life (in years):	7.5
Est. Total Cost:	\$ 390,688
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 190,224
% Complete (if underway):	48.7%
Balance to be funded ¹ :	\$ 200,464

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	3063026.9622	\$ 10,023
Materials:	3063026.9622	\$ 78,181
Other Contracts:	3063026.9622	\$ 112,260
TOTAL PROJECT COST		\$ 200,464

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The Newark Police Department initiated equipping its patrol vehicles with mobile video recorders (MVRs) in 2009 and selected L3 Mobile - Vision Inc. as the fleet MVR solution. The direct and corroborating evidence captured from the MVRs has been beneficial for evidence-based prosecutions. Moreover, with the ubiquitous presence of digital evidence being available from smart phones to vast surveillance platforms, police departments are often expected to have capabilities to capture digital evidence. These expectations are held by the general public and range to the prosecutor's office. Newark Police Department's mobile video solution has reached its end of life expectancy and in fact are no longer supported for hardware issues and current in-car Flashback systems are no longer eligible for coverage. Subsequent to the installation of the L3 Mobile-Vision Inc. in the vehicles, the police department integrated building interview rooms to the same platform. The integration allowed officers and investigators to store and retrieve digital evidence in a seamless manner.

The police department is seeking to implement a fully integrated solution for its officers/investigators to include mobile video recorders (MVRs) for the vehicles [Please see Capital Project C1902], body-worn cameras (BWCs) and interview room recordings [Please see Capital Project C1904]. The integrated solution would vastly increase the police department's needed ability to garner digital evidence and aid in the evidence-based prosecution phase.

Newark Police Department will equip (25) twenty-five vehicles with MVRs and has obtained a State grant to support the inclusion of MVRs in the amount of \$75,000.00 in 2019.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	115,224	-	115,224	\$ -	50,116	50,116	50,116	50,116	-	\$ 200,464
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS FCVC	75,000	-	75,000	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 190,224	\$ -	\$ 190,224	\$ -	\$ 50,116	\$ 50,116	\$ 50,116	\$ 50,116	\$ -	\$ 200,464
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)										\$ -



PROJECT NO: C1904
PROJECT TITLE: Body Worn Camera Project
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 68,268	\$ 68,268	\$ 68,268	\$ 68,268	\$ -	\$ 273,072
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 68,268	\$ 68,268	\$ 68,268	\$ 68,268	\$ -	\$ 273,072

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	Police Station
PROJECT PRIORITY:	1 - Highest Priority Level
	Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2019
Est. Completion Date:	2023
Est. Useful Life (in years):	7.5
Est. Total Cost:	\$ 388,730
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 115,658
% Complete (if underway):	29.8%
Balance to be funded ¹ :	\$ 273,072

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	3063006.9622	\$ 2,730
Materials:	3063006.9622	\$ 43,692
Other Contracts:	3063006.9622	\$ 226,650
TOTAL PROJECT COST		\$ 273,072

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The police department is seeking to implement a fully integrated solution for its officers/investigators to include mobile video recorders (MVRs) for the vehicles, body-worn cameras (BWCs) and interview room recordings. The integrated solution would vastly increase the police department's needed ability to garner digital evidence and aid in the evidence-based prosecution phase. Additionally, common perceived benefits of implementing BWCs are Strengthening police accountability by documenting incidents and encounters between officers and the public; Preventing confrontational situations by improving officer professionalism and the behavior of people being recorded; Resolving officer-involved incidents and complaints by providing a more accurate record of events; Improving agency transparency by allowing the public to see video evidence of police activities and encounters; Identifying and correcting internal agency problems by revealing officers who engage in misconduct and agency-wide problems; Strengthening officer performance by using footage for officer training and monitoring; Improving evidence documentation for investigations and prosecutions.

The police department is seeking to implement a fully integrated solution for its officers/investigators to include mobile video recorders (MVRs) for the vehicles [Please see Capital Project C1902], body-worn cameras (BWCs) and interview room recordings [Please see Capital Project C1904].

Newark Police Department will acquire (60) sixty BWCs and upgrade the interview rooms into a single evidence solution/platform. The police department has obtained a federal grant to support the inclusion of BWCs in the amount of \$90,000.00 with a (3) three-year funding period. Only (12) twelve awards were anticipated nationwide for law enforcement agencies in similar size to Newark Police Department.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	25,658	-	25,658	\$ -	68,268	68,268	68,268	68,268	-	\$ 273,072
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS Federal	90,000	-	90,000	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 115,658	\$ -	\$ 115,658	\$ -	\$ 68,268	\$ 68,268	\$ 68,268	\$ 68,268	\$ -	\$ 273,072
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
					OPERATING IMPACT: INCREMENTAL COSTS (NET SAVINGS)					\$ -



PROJECT NO: C1601
PROJECT TITLE: Taser X26P Replacement
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 21,408	\$ 22,478	\$ 23,601	\$ 24,781	\$ 26,020	\$ 118,288
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 21,408	\$ 22,478	\$ 23,601	\$ 24,781	\$ 26,020	\$ 118,288

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	Police Station
PROJECT PRIORITY:	1 - Highest Priority Level
	Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 144,079
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 25,791
% Complete (if underway):	17.9%
Balance to be funded ¹ :	\$ 118,288

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		
Materials:	3063026.9622	\$ 118,288
Other Contracts:		
TOTAL PROJECT COST		\$ 118,288

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:
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 & holster costs a total of \$1456.35/ea for 2018. Our plan is to replace 14 tasers per year. 2019 to 2023 cost estimates represent a 5% per year price increase as provided by Taser.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	2,354	-	\$ (2,354)	-	-	-	-	-	\$ -
CAPITAL RESERVES	20,636	20,636	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	2,801	2,801	-	\$ -	21,408	22,478	23,601	24,781	26,020	\$ 118,288
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 23,437	\$ 25,791	\$ -	\$ (2,354)	\$ 21,408	\$ 22,478	\$ 23,601	\$ 24,781	\$ 26,020	\$ 118,288
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)										\$ -



PROJECT NO: C1401
PROJECT TITLE: Ballistic Vests

PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 7,202	\$ 30,671	\$ 13,749	\$ 7,403	\$ 15,864	\$ 74,889
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 7,202	\$ 30,671	\$ 13,749	\$ 7,403	\$ 15,864	\$ 74,889

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	Police Station
PROJECT PRIORITY:	1 - Highest Priority Level
	Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 90,439
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 15,415
% Complete (if underway):	17.0%
Balance to be funded ¹ :	\$ 75,024

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	3063026.9622	\$ 75,024
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 75,024

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The ballistic vests are necessary to ensure the safety of police officers. Ballistic vests have a five year expiration date. Seven (7) vests expire in 2020, twenty-nine (29) vests expire in 2021, thirteen (13) vests expire in 2022, seven (7) vests expire in 2023 and fifteen (15) vests expire in 2024. The current ballistic vest package costs \$1,026.81 on the Delaware State Contract #GSS16585 and 2019 to 2024 costs represent a 3% per year estimated increase.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	15,415	14,079	1,336	\$ -	7,202	30,671	13,749	7,403	15,864	\$ 74,889
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 15,415	\$ 14,079	\$ 1,336	\$ -	\$ 7,202	\$ 30,671	\$ 13,749	\$ 7,403	\$ 15,864	\$ 74,889
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
INCREMENTAL COSTS (NET SAVINGS)										\$ -



PROJECT NO: CEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 152,000	\$ 281,000	\$ 52,000	\$ 585,000	\$ 640,000	\$ 1,710,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 152,000	\$ 281,000	\$ 52,000	\$ 585,000	\$ 640,000	\$ 1,710,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 1,950,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 240,000
% Complete (if underway):	12.3%
Balance to be funded ¹ :	\$ 1,710,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 1,710,000
TOTAL PROJECT COST		\$ 1,710,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Planned advance funding accumulated through depreciation to replace essential equipment when necessary.	
Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).	

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	31,848	66,399	20,160	201,510	221,413	\$ 541,330
CAPITAL RESERVES	50,923	50,923	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	189,077	189,077	-	\$ -	120,152	214,601	31,840	383,490	418,587	\$ 1,168,670
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 240,000	\$ 240,000	\$ -	\$ -	\$ 152,000	\$ 281,000	\$ 52,000	\$ 585,000	\$ 640,000	\$ 1,710,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)										\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
POLICE DEPARTMENT PAGE 1 OF 2

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>STAFF VEHICLES</u>													
911	2012 Chevy Impala	06/08/12	21,534	43,022	65,000	7	2019	2020	21,534		30,000			
912	2010 Ford Crown Victoria Sedan	05/28/10	23,474	90,344	65,000	7	2017	2020	23,474	35,000				
913	2013 Chevy Impala	08/09/13	22,644	43,126	65,000	7	2020	2020	22,644		30,000			
920	2011 Ford Crown Victoria Sedan	07/22/11	24,414	52,789	75,000	7	2018	2020	24,414		30,000			
994	2019 Chevrolet Impala	04/30/19	23,826	4,369	75,000	5	2024	2024	23,826					60,000
	<u>PATROL</u>													
905	2019 Ford Explorer Police Interceptor	07/03/19	46,406	3,000	75,000	5	2024	2024	46,406					60,000
906	2015 Chevy Tahoe C1500 PPV Patrol SUV	12/22/14	36,499	67,653	105,000	5	2019	2021	36,499		52,000			
907	2019 Ford Explorer Police Interceptor	07/03/19	46,331	1,019	75,000	5	2024	2024	46,331					60,000
908	2019 Ford Explorer Police Interceptor	07/03/19	44,431	1,419	90,000	7	2026	2026	44,431					
909	2018 Chevy Tahoe PPV Patrol SUV 4x4	06/22/18	47,309	17,781	120,000	5	2024	2024	47,309					60,000
910	2019 Ford Explorer Police Interceptor	07/03/19	46,331	1,105	110,000	5	2024	2024	46,331					60,000
918	2017 Chevy Tahoe PPV Patrol SUV 4x4	06/22/17	47,942	34,267	75,000	5	2023	2023	47,942				65,000	
923	2017 Chevy Tahoe PPV Patrol SUV 4x4	06/22/17	48,546	45,993	75,000	5	2023	2023	48,546				65,000	
925	2017 Chevy Tahoe PPV Patrol SUV 4x4	06/22/17	47,942	65,639	75,000	5	2023	2023	47,942				65,000	
926	2018 Chevy Tahoe PPV Patrol SUV 4x4	06/22/18	47,309	13,799	75,000	5	2024	2024	47,309					60,000
928	2017 Chevy Tahoe PPV Patrol SUV 4x4	06/22/17	47,662	45,370	75,000	5	2023	2023	47,662				65,000	
931	2015 Chevy Tahoe PPV Patrol SUV 4x4	09/22/15	33,834	37,659	75,000	7	2022	2023	33,834				65,000	
934	2017 Chevy Tahoe PPV Patrol SUV 4x4	06/22/17	37,987	25,222	75,000	7	2025	2025	37,987					
935	2018 Chevy Tahoe PPV Patrol SUV 4x4	06/22/18	47,309	17,488	75,000	5	2024	2024	47,309					60,000
936	2017 Chevy Tahoe PPV Patrol SUV 4x4	07/18/17	38,432	25,580	75,000	5	2023	2023	38,432				65,000	
	<u>ADMINISTRATION</u>													
937	2006 Ford E350 Van	12/08/06	78,599	5,452	15,000	10	2016	2020	78,599		52,000			
938	2005 Ford Excursion	01/28/08	--	38,261	--	--	--	--	-					
942	2014 Chevy Silverado 1500 (Seizure)	01/12/18	25,000	53,521	--	--	--	--	-					
993	2012 Chrysler 300 (Seizure)	--	--	--	--	--	--	--	-					
998	2008 Chevy Mobile Command Center	07/31/09	197,920	2,834	--	--	--	--	197,920					

(Continued on next page)

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
POLICE DEPARTMENT PAGE 2 OF 2

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>CRIMINAL</u>													
921	2016 Chevy Impala	06/22/16	22,463	21,068	65,000	10	2026	2026	22,463					
922	2017 Chevy Impala	06/05/17	12,436	13,099	65,000	7	2024	2024	12,436					60,000
927	2006 Ford Crown Victoria Sedan	08/11/06	23,093	78,103	75,000	10	2016	2020	23,093	35,000				
929	2019 Ford Explorer Police Interceptor	07/03/19	44,140	1,000	100,000	5	2024	2024	44,140					
932	2004 Ford E350 15 Passenger Van	03/19/04	19,307	18,011	75,000	10	2014	2021	19,307		35,000			
940	2017 Chevy Impala	06/19/17	12,436	16,025	65,000	7	2024	2024	12,436					40,000
990	2004 Chevy Silverado 1500 (Seizure)	05/03/07	2,723	--	--	--	--	--	2,723					
992	2013 Ford E-450 Box Truck	--	--	--	--	--	--	--	-					
	<u>SPECIAL ENFORCEMENT</u>													
900	2015 Chevy Tahoe C1500 PPV Patrol SUV	12/22/14	38,203	40,850	75,000	5	2019	2021	38,203		52,000			
902	2016 Harley Motorcycle	07/20/16	26,047	4,765	80,000	10	2026	2026	26,047					
903	2016 Harley Motorcycle	07/20/16	24,652	7,220	80,000	10	2026	2026	24,652					
904	2016 Harley Motorcycle	07/20/16	24,652	6,868	80,000	10	2026	2026	24,652					
914	2015 Chevy Tahoe PPV Patrol SUV 4x4	08/03/15	31,840	41,075	85,000	7	2022	2022	31,840			52,000		
915	2018 Chevy Tahoe PPV Patrol SUV 4x4	06/22/18	44,754	5,195	110,000	5	2024	2024	44,754					60,000
917	2016 Chevy Silverado 1500 4x4	08/05/16	37,401	13,350	75,000	7	2023	2023	37,401				65,000	
924	2013 Chevy Caprice PPV Patrol	06/28/13	32,854	52,427	65,000	10	2023	2023	32,854				65,000	
930	2016 Chevy Tahoe PPV Patrol SUV 4x4	05/26/16	48,877	26,387	80,000	7	2023	2023	48,877				65,000	
939	2017 Chevy Tahoe PPV Patrol SUV 4x4 (K-9)	06/22/17	37,987	29,491	80,000	7	2025	2025	37,987					
941	2012 Chevy Caprice PPV Patrol (K-9)	10/12/12	43,585	75,800	110,000	5	2017	2020	43,585	52,000				
991	2009 Ford F250 3/4 Ton Pickup Truck	04/24/09	39,756	84,890	80,000	10	2019	2020	39,756	30,000				
TOTAL POLICE DEPARTMENT										\$ 152,000	\$ 281,000	\$ 52,000	\$ 585,000	\$ 640,000
GROSS ACQUISITION COST														
LESS: USE OF CAPITAL RESERVES										-	-	-	-	-
LESS: USE OF CURRENT RESOURCES										(31,848)	(66,399)	(20,160)	(201,510)	(221,413)
NET EQUIPMENT SINKING FUND TOTAL										\$ 120,152	\$ 214,601	\$ 31,840	\$ 383,490	\$ 418,587

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

GENERAL FUND - PARKS AND RECREATION DEPARTMENT

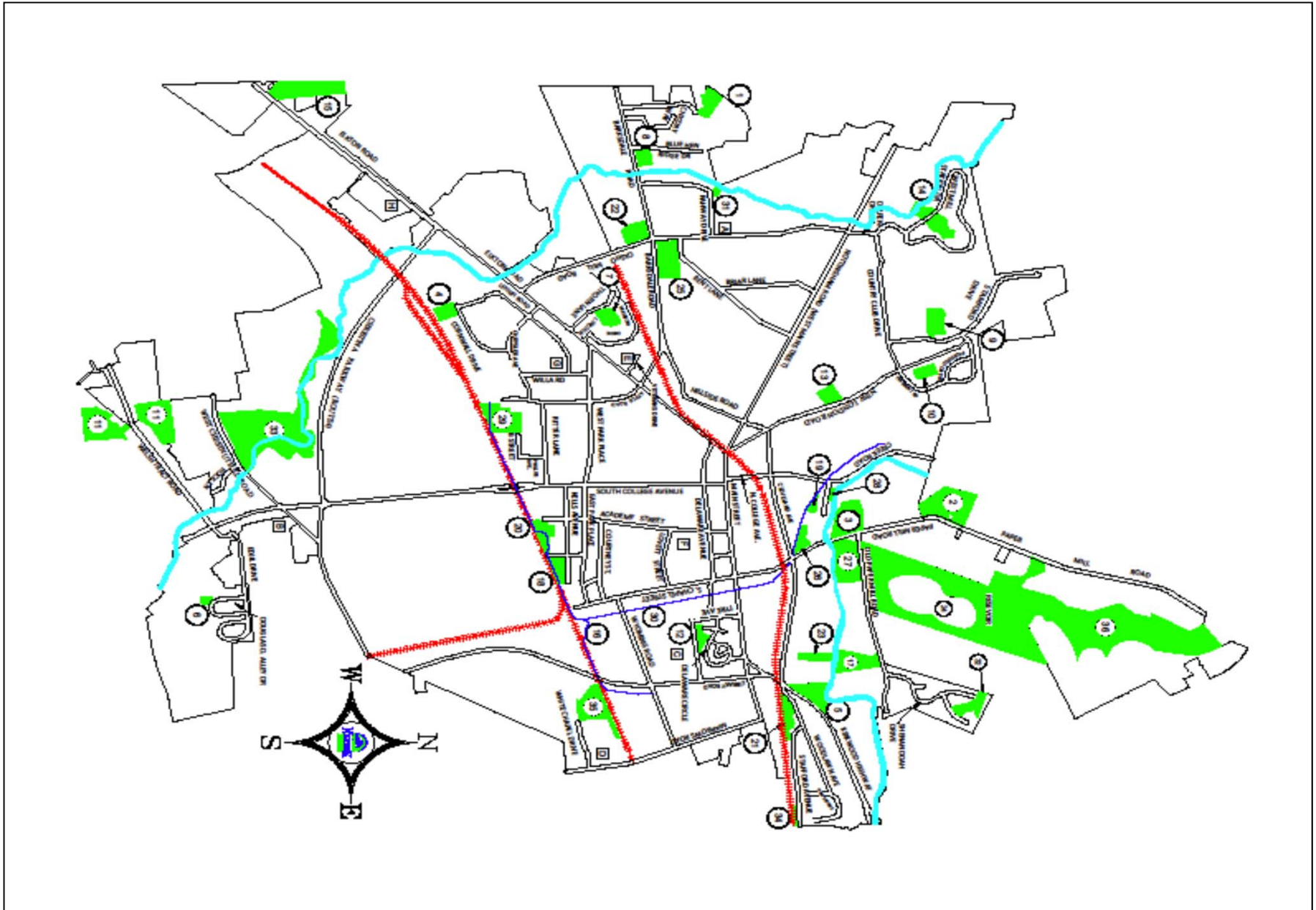
FUNDING SUMMARY					
	2020	2021	2022	2023	2024
New Funding:	\$ 1,107,119	\$ 1,313,000	\$ 1,301,000	\$ 343,450	\$ 495,000
*Prior Authorized Balance:	\$ 1,405,835	\$ 21,108	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 2,512,954	\$ 1,334,108	\$ 1,301,000	\$ 343,450	\$ 495,000
*Prior Authorized Balance includes 2019 carryover funding only.					
Total 5 Year					
\$ 4,559,569					
\$ 1,426,943					
\$ 5,986,512					

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
K2001	Park Signage	D	\$ -	\$ -	\$ -	\$ -	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 72,000
K2002	Olan Thomas Sidewalk Improvement	C	-	-	-	-	-	200,000	-	-	200,000
K2003	Handloff Park Trail	D	-	-	-	-	-	-	-	200,000	200,000
K2004	Facilities Accessibility (ADA Compliance)	C	-	-	45,000	45,000	45,000	20,000	20,000	20,000	150,000
K2005	Track loader/Mini-Skid Steerer	D	-	-	36,000	36,000	-	-	-	-	36,000
I1703	Recreation Management Software	D	88,500	88,500	-	88,500	-	-	-	-	88,500
K1704	Lumbrook Park Pavilion	C	-	-	45,000	45,000	-	-	-	-	45,000
K1705	Preston's Playground Utility Lines	C	60,000	50,000	-	50,000	-	-	-	-	50,000
K1601	Charles Emerson Bicycle/Pedestrian Bridge	B	1,250,000	1,570,000	387,000	1,957,000	-	-	-	-	1,957,000
K1605	Redd Park Trail Improvements	C	-	-	-	-	32,000	30,000	-	-	62,000
K1501	Iron Glen Park Master Plan	C	-	-	-	-	50,000	-	-	-	50,000
K1502	Fitness Stations	C	-	-	-	-	21,108	-	-	-	21,108
K1301	Hard Surface Facilities Improvements	B	145,000	191,300	-	191,300	280,000	230,000	152,000	190,000	1,043,300
K1305	Pomeroy Trail Connector	C	11,000	-	-	-	-	-	-	-	-
K1202	Kershaw Park Improvements	C	-	-	-	-	200,000	-	-	-	200,000
K1203	Old Paper Mill Park Improvements	C	100,000	-	-	-	600,000	600,000	-	-	1,200,000
K0908	Children's Play Equipment	C	60,000	60,154	-	60,154	40,000	40,000	16,450	60,000	216,604
KEQSF	Equipment Replacement Program	D	233,000	40,000	-	40,000	30,000	145,000	155,000	25,000	395,000
Total General Fund - Parks and Recreation Department			\$ 1,947,500	\$ 1,999,954	\$ 513,000	\$ 2,512,954	\$ 1,334,108	\$ 1,301,000	\$ 343,450	\$ 495,000	\$ 5,986,512

PLANNED FINANCING SOURCES	2020	2021	2022	2023	2024	TOTAL
GROSS CAPITAL IMPROVEMENTS	\$ 1,947,500	\$ 1,999,954	\$ 513,000	\$ 2,512,954	\$ 1,334,108	\$ 1,301,000
LESS: USE OF RESERVES	(89,517)	(163,704)	-	(163,704)	(16,518)	(33,982)
VEHICLE & EQUIPMENT REPLACEMENT	(173,483)	(24,950)	-	(24,950)	(13,482)	(111,018)
GRANTS	(910,000)	(1,310,000)	-	(1,310,000)	(81,600)	(60,000)
BOND ISSUES	(145,000)	(191,300)	-	(191,300)	(280,000)	(230,000)
OTHER FINANCING SOURCES	(300,000)	(310,000)	-	(310,000)	-	-
NET CAPITAL IMPROVEMENTS	\$ 329,500	\$ -	\$ 513,000	\$ 513,000	\$ 942,508	\$ 866,000
				\$ 81,269	\$ 470,000	\$ 2,872,777

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other

CITY OF NEWARK, DELAWARE
Newark Parkland Areas Map
(Below map is horizontal for sizing and spacing purposes)



CITY OF NEWARK, DELAWARE
Newark Parkland Areas Ledger
 (Below map is horizontal for sizing and spacing purposes)

CITY OF NEWARK PARKLAND AREAS

REFER TO PARKS MAP
 NOTE: Lighted courts will be available for evening play until 10 p.m. from early March to early December

MAP LOCATION	ACRES	TENNIS COURT *(NO LIGHTING)	TENNIS PRACTICE WALL	BASKETBALL COURT *(NO LIGHTING)	BASEBALL-SOFTBALL FIELD	PLAYGROUND EQUIPMENT	SWIMMING POOL	PICNIC TABLES	COMMUNITY CENTER	NATURAL AREAS AND TRAILS	PARKING	SHELTER	SOCCER	FACILITY RENTAL (HALL/KITCHEN)	HORSESHOE COURTS	VALLEY STREAM ACCESS	STREET HOCKEY COURTS	BOTANICAL AREA
COLEMAN 42 County Hills Dr.	1 5.7									*								
COVERDALE 371 Paper Mill Rd.	2 16.8									*							*	
COURTIS MILL 225 Paper Mill Rd.	3 7									*							*	
DAYON 46 Cornwall Dr.	4 4.6							*										
DOROTHY P. MILLER 111 Capitol Trail	5 7.28									*							*	
DOUGLAS D. ALLEY 420 Douglas Dairyway Dvd	6 .9							*										
EDNA C. DCKEY 60 Madison Dr.	7 8.2			1 1	*	*		*							6		*	
ELAN 2 Blue Hen Dr.	8 6.7			*1	*	*		*		*								
FAIRFIELD 491 Stamford Dr.	9 7.0	3		2 1	*	*		*		*								
FAIRFIELD CREST 20 Winfield Dr.	10 3.7	1		1	*	*		*		*								
FOULK PARK 98 Walnut Tract Rd.	11 34.6	7		*1 1	*	*		*		*					1			
GEO RGE READ 315 Delaware Cr.	12 2.8			*1 1	*	*		*		*								
GEO RGE WILSON CENTER 303 New London Rd.	13 4.8	1		1 1	*	1	*	*		*				*	1			
HOODEN VALLEY 100 W Mill Station Dr.	14 6.5			*1	*	*		*		*							*	
IRONGLEN, Eikon Rd.	15 12.4			Future Development						*								
JAMES F. HALL TRAIL	16 176									*								
KARPENSKI 346 Old Paper Mill Rd.	17 8.0									*							*	
KELLS 201 Kelle Ave	18 5.2			1 2 1	*	*		*		*					*			
KERSHAW 197 Paper Mill Rd.	19 2.0	2*						*		*							*	
LEWIS 727 Academy St.	20 4.2	2			*	*		*		*								
LUMBRICK 100 Woodlawn Ave.	21 5.9	2		2 1	*	*		*		*								
LEROY C. HILL Birkdale & 1001 Castro Mill Rd.	22 6.3				1			*		*								
MC KEES 100 McKees Ln.	23 4.0			1	*	*		*		*					*			
NEWARK RESERVOIR Old Paper Mill Rd.	24 113							*		*								
NEWMA B. HANCOFF 1000 Barksdale Rd	25 15.8	3	1	2 2	*	*		*		*								
OLAN THOMAS 89 Paper Mill Rd.	26 4.3																*	
OLD PAPER MILL PARK 219 Old Paper Mill Rd.	27 12.3			Future Development													*	
ORVILLE A. CLARK 10 White Clay Dr.	28 .8																	
PHILLIPS 101 B St.	29 13.7	3		2	*	*		*		*							*	
PRESTON'S PLAYGROUND Old Paper Mill Rd.	24				*	*		*		*								
POMEROY TRAIL	30																	
RAHWAY 922 Rahway Dr.	31 .9				*	*		*		*							*	
ROGENDOD GLEN Stamford Dr.	32 12.4				*	*		*		*								
ROTHENHOUSE 228 West Chestnut Hill Rd.	33 45.9				*	*		*		*							*	
STAFFORD 420 Stamford Ave.	34 1.8				*	*		*		*								
WHITE CHAPEL 300 White Chapel Rd.	35 10			1	*	*		*		*								
WMM REDO, JR 500 Paper Mill Rd.	36 88.5				*	*		*		*								

OTHER FACILITIES USED FOR PROGRAMS

A. DOWNES SCHOOL
 220 Castro Mill Road
B. MCVEY SCHOOL
 908 Janice Drive
C. NEWARK HIGH SCHOOL
 750 Delaware Avenue

D. NEWARK SENIOR CENTER
 200 White Chapel Drive
E. PARKS AND RECREATION OFFICE
 220 SOUTH MAIN

F. WEST PARK SCHOOL
 193 West Park Place
G. NEWARK CHARTER SCHOOL
 2001 Patton Way

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PROJECT NO: K2001
PROJECT TITLE: Park Signage
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 72,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 72,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks and Recreation
DIVISION:	Parks and Recreation
FUND:	General
PROJECT LOCATION:	Various Parks
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2021
Est. Completion Date:	2022
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 72,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 72,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 72,000
TOTAL PROJECT COST		\$ 72,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The existing Park signage was installed over 30 years ago and are weathered, fading and need to be replaced. We will install new signage that will be made of a more durable material with a more vibrant design. We are planning on replacing all park signage within a two year period.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS TBD	-	-	-	\$ -	-	36,000	36,000	-	-	\$ 72,000		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 72,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: K2002
PROJECT TITLE: Olan Thomas Sidewalk Improvement
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks and Recreation
DIVISION:	Parks and Recreation
FUND:	General
PROJECT LOCATION:	Olan Thomas Park
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:	Inclusive Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 200,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 200,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 200,000
TOTAL PROJECT COST		\$ 200,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

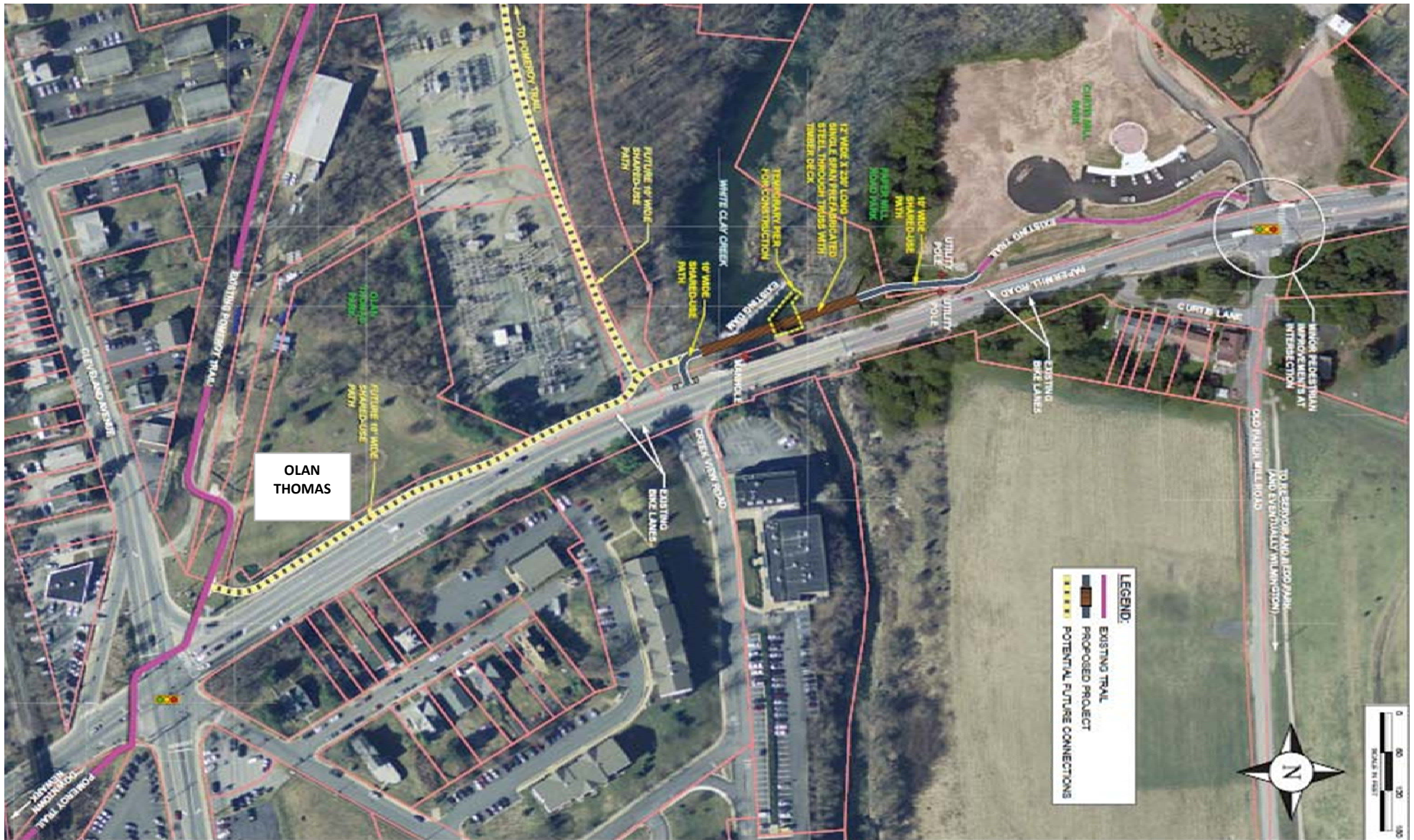
Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Create an 8' bicycle/pedestrian trail from White Clay Creek bridge to the Pomeroy Trail near Cleveland Avenue and remove the existing sidewalk. The existing sidewalk is not conducive for bicycle and pedestrian traffic simultaneously. With the addition of the Charles Emerson Bridge we are anticipating an increase in bicycle and pedestrian traffic and it would not be conducive for an 8' trail to merge into a 5' sidewalk.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	200,000	-	-	\$ 200,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

K2002: Olan Thomas Sidewalk Improvement
Supporting Documentation - Page 1
 (Below map is horizontal for sizing and spacing purposes)





PROJECT NO: K2003
PROJECT TITLE: Handloff Park Trail
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks and Recreation
DIVISION:	Parks and Recreation
FUND:	General
PROJECT LOCATION:	Handloff Park
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2024
Est. Completion Date:	2024
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 200,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 200,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 200,000
TOTAL PROJECT COST		\$ 200,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Install a walking trail around Handloff Park. We are proposing a crush and run trail. Trails are the most used amenities based on current data and Newark is an active community with a history of thousands of trail users each year.

*Please note, for Park location information, please reference the Newark Parkland Areas Map and Ledger found on pages 100 and 101.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	200,000	\$ 200,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: K2004
PROJECT TITLE: Facilities Accessibilty (ADA Compliance)
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 45,000	\$ 45,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 150,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 45,000	\$ 45,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 150,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks and Recreation
DIVISION:	Parks and Recreation
FUND:	General
PROJECT LOCATION:	Various Parks
PROJECT PRIORITY:	3 - Medium-High
The City would be taking a calculated risk in the deferral of this item	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Inclusive Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	2024
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 150,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 150,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 150,000
TOTAL PROJECT COST		\$ 150,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

ADA compliant access to park facilities. Following guidelines, we are involved in a program to create access to at least 20% of our facilities to include: playing court sites, playground equipment, picnic shelters, hard surface trails and parking lots. Improvements will include Kells Park, Handloff Park, Folk Park and other various locations throughout the park system.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	45,000	45,000	20,000	20,000	20,000	\$ 150,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 150,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: K2005
PROJECT TITLE: Track Loader/Mini-Skid Steerer
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ 36,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ 36,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks and Recreation
DIVISION:	Parks and Recreation
FUND:	General
PROJECT LOCATION:	Various Parks
PROJECT 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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	2020
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 36,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 36,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 36,000
TOTAL PROJECT COST		\$ 36,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
One time purchase of track loader/skid steerer. It will be utilized for trail improvements, playground installation and snow removal from sidewalks and Delaware Avenue bicycle trac. This versatile piece of equipment is mobile enough to get into more difficult areas of our park system. This equip ment will be shared among the Parks and Recreation Department, Public Works and the Electric Department.	

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	36,000	-	-	-	-	\$ 36,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ 36,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -



PROJECT NO: I1703
PROJECT TITLE: Recreation Management Software
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ 88,500	\$ -	\$ -	\$ -	\$ -	\$ 88,500
2020-2024 Funding:	\$ 88,500	\$ -	\$ -	\$ -	\$ -	\$ 88,500

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Municipal Building
PROJECT 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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2017
Est. Completion Date:	2020
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 88,500
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 88,500

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		
Materials:		
Other Contracts:	3063006.9622	\$ 88,500
TOTAL PROJECT COST		\$ 88,500

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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, cashing and reporting.

Currently scheduled for 2020 (\$88,500)

Replacement for legacy software that is no longer supported

Software responsible for Before/After School Care, Sports Activities and GWC Programs

3 Solutions being considered

Will provide online portal for residents

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	58,500	-	-	\$ 58,500	-	-	-	-	-	\$ -
CAPITAL RESERVES	30,000	-	-	\$ 30,000	88,500	-	-	-	-	\$ 88,500
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 88,500	\$ -	\$ -	\$ 88,500	\$ 88,500	\$ -	\$ -	\$ -	\$ -	\$ 88,500
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: K1704
PROJECT TITLE: Lumbrook Park Pavilion
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Lumbrook Park
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2017
Est. Completion Date:	2020
Est. Useful Life (in years):	40
Est. Total Cost:	\$ 45,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 45,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 45,000
TOTAL PROJECT COST		\$ 45,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Purchase and construct a shelter with concrete floor and picnic tables. This would replace the current shelter that is over 37 years old, leaking and in need of replacement.

*Please note, for Park location information, please reference the Newark Parkland Areas Map and Ledger found on pages 100 and 101.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	45,000	-	-	-	-	\$ 45,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: K1705
PROJECT TITLE: Preston's Playground and Utility Lines
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Preston's Playground at Reservoir
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2017
Est. Completion Date:	2019
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 110,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 60,000
% Complete (if underway):	54.5%
Balance to be funded ¹ :	\$ 50,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 50,000
TOTAL PROJECT COST		\$ 50,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The scope of the Preston's Playground project at the Newark reservoir has been expanded to include a permanent restroom that will house two family restrooms. Currently there is a handicapped portable toilet unit at the reservoir; this will not be conducive when Preston's Playground is completed. The handicapped units will have a smaller holding tank and get filled quicker than a regular unit. Children with special needs who will be utilizing the playground may need to have a family member assist them while using the restrooms. Portable toilets are not convenient for more than one individual at a time. The permanent unit will not only serve the Preston's Playground users but the reservoir users as well, making it more convenient for all park visitors. City Council approved including this in the 2017-2021 Capital Program by Resolution No. 16-J adopted May 9, 2016.

The project has been awarded a \$78,000 grant from The Delaware Outdoor Recreation, Parks and Trail (ORPT) Grant Program for the playground project in 2018.

An additional grant of \$60,000 from The Delaware ORPT Program was be applied for in 2019.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	18,598	-	\$ (18,598)	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS ORPT	60,000	-	41,402	\$ 18,598	50,000	-	-	-	-	\$ 50,000
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 60,000	\$ 18,598	\$ 41,402	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: K1601
PROJECT TITLE: Charles Emerson Bicycle/Pedestrian Bridge
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 807,000	\$ -	\$ -	\$ -	\$ -	\$ 807,000
*Prior Authorized Balance:	\$ 1,150,000	\$ -	\$ -	\$ -	\$ -	\$ 1,150,000
2020-2024 Funding:	\$ 1,957,000	\$ -	\$ -	\$ -	\$ -	\$ 1,957,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Curtis Mill & Kershaw Parks at Paper Mill Road
PROJECT PRIORITY:	1 - Highest Priority Level
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Project underway and must be completed Healthy & Active Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2016
Est. Completion Date:	2020
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 2,057,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 100,000
% Complete (if underway):	4.9%
Balance to be funded ¹ :	\$ 1,957,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 1,957,000
TOTAL PROJECT COST		\$ 1,957,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

This project was 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. This requires 20% (\$200,000.00) local match so funding for the \$1,000,000.00 is broken out with \$800,000.00 coming from the Federal Highway Administration, \$200,000.00 match from City of Newark. 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. We have received approval from SORPT for a \$200,000.00 grant to fund the local match requirement.

The city has also obtained additional funding for this project:

GRANT FUNDING:

\$100,000.00 from the SORPT Grant (in addition to \$200,000.00 referenced above)
\$160,000.00 from Legislation Community Transportation Fund

OTHER FUNDING:

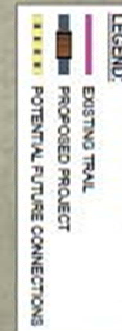
\$210,000.00 from New Castle County
\$100,000.00 from the University of Delaware

The project has a total of \$1,570,000.00 in funding secured.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	100,000	-	100,000	\$ -	387,000	-	-	-	-	\$ 387,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS FHWA (800K), SORPT (300K), CTF (160K)	850,000	-	-	\$ 850,000	1,260,000	-	-	-	-	\$ 1,260,000
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER NCC (210K), UD (100K)	300,000	-	-	\$ 300,000	310,000	-	-	-	-	\$ 310,000
TOTAL:	\$ 1,250,000	\$ -	\$ 100,000	\$ 1,150,000	\$ 1,957,000	\$ -	\$ -	\$ -	\$ -	\$ 1,957,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -

(Below map is horizontal for sizing and spacing purposes)



K1601: Charles Emerson Bicycle/Pedestrian Bridge
Supporting Documentation - Page 2





PROJECT NO: K1605
PROJECT TITLE: Redd Park Trail Improvements
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 32,000	\$ 30,000	\$ -	\$ -	\$ 62,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 32,000	\$ 30,000	\$ -	\$ -	\$ 62,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	William Redd Park
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2016
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 101,932
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 39,932
% Complete (if underway):	39.2%
Balance to be funded ¹ :	\$ 62,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 62,000
TOTAL PROJECT COST		\$ 62,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

If the grant funding is not formally approved, this project will be deferred.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	6,400	6,000	-	-	\$ 12,400
CAPITAL RESERVES	7,932	-	7,932	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS RTP/CTF	32,000	-	32,000	\$ -	-	25,600	24,000	-	-	\$ 49,600
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 39,932	\$ -	\$ 39,932	\$ -	\$ -	\$ 32,000	\$ 30,000	\$ -	\$ -	\$ 62,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: K1501
PROJECT TITLE: Iron Glen Park Master Plan
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Iron Glen Park, Elkton Road
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2015
Est. Completion Date:	2021
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 50,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 50,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 50,000
TOTAL PROJECT COST		\$ 50,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

Moved to 2021 to align project with DelDot improvements for Elkton Rd. and the signalization of the park entrance.

*Please note, for Park location information, please reference the Newark Parkland Areas Map and Ledger found on pages 100 and 101.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	50,000	-	-	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: K1502
PROJECT TITLE: Fitness Stations

PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ -	\$ 21,108	\$ -	\$ -	\$ -	\$ 21,108
2020-2024 Funding:	\$ -	\$ 21,108	\$ -	\$ -	\$ -	\$ 21,108

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Along trails: Hall, Pomeroy and others
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2015
Est. Completion Date:	2021
Est. Useful Life (in years):	12
Est. Total Cost:	\$ 21,108
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 21,108

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 21,108
TOTAL PROJECT COST		\$ 21,108

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:
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.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	1,108	-	-	\$ 1,108	-	1,108	-	-	-	\$ 1,108
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	20,000	-	-	\$ 20,000	-	20,000	-	-	-	\$ 20,000
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 21,108	\$ -	\$ -	\$ 21,108	\$ -	\$ 21,108	\$ -	\$ -	\$ -	\$ 21,108
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT: INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -



PROJECT NO: K1301
PROJECT TITLE: Hard Surface Facilities Improvements
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 84,119	\$ 280,000	\$ 230,000	\$ 152,000	\$ 190,000	\$ 936,119
*Prior Authorized Balance:	\$ 107,181	\$ -	\$ -	\$ -	\$ -	\$ 107,181
2020-2024 Funding:	\$ 191,300	\$ 280,000	\$ 230,000	\$ 152,000	\$ 190,000	\$ 1,043,300

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Various
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 1,108,300
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 65,000
% Complete (if underway):	5.9%
Balance to be funded ¹ :	\$ 1,043,300

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 1,043,300
TOTAL PROJECT COST		\$ 1,043,300

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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 projects completed included the Phillips Park parking lot expansion and overlay and basketball court overlay, Leroy Hill Park parking lot overlay and George Wilson Center parking lot overlay.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	44,819	190,000	\$ 234,819
CAPITAL RESERVES	(22,819)	-	-	\$ (22,819)	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	195,000	20,722	44,278	\$ 130,000	191,300	280,000	230,000	107,181	-	\$ 808,481
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 172,181	\$ 20,722	\$ 44,278	\$ 107,181	\$ 191,300	\$ 280,000	\$ 230,000	\$ 152,000	\$ 190,000	\$ 1,043,300
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -

K1301: Hard Surface Facilities Improvements
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(Revised June 18, 2019)

Details for Capital Project K1301:

<u>2019</u>	• Kells Parking Lot: Asphalt overlay	\$ 45,000.00
	• Lewis Parking Lot: Asphalt overlay	\$ 20,000.00
	2019 Total:	\$ 65,000.00
<u>2020</u>	• Fairfield Parking Lot (Asphalt Overlay and ADA Sidewalk)	54,500.00
	• Fairfield Multi-Purpose Court: Asphalt overlay	49,800.00
	• Lewis Tennis Courts: Crack repair with membrane system	20,000.00
	• Wilson Center Basketball Court: Sealed with latex sealer and re-stripped	8,000.00
	• Lumbrook Park Parking Lot: Asphalt overlay	15,000.00
	• White Chapel Basketball Court: Asphalt overlay	12,000.00
	• Lumbrook Tennis Court	20,000.00
	• George Read Basketball Court: asphalt overlay and new equipment	12,000.00
	2020 Total:	\$ 191,300.00
<u>2021</u>	• Dickey Parking Lot: Asphalt overlay	120,000.00
	• Handloff Multi-Purpose Court: Asphalt Overlay	50,000.00
	• Lumbrook Multi-purpose Court	35,000.00
	• Fairfield Crest Tennis Courts: Slip sheet of crushed stone asphalt overlay, net, net parts and fencing	75,000.00
	2021 Total:	\$ 280,000.00
<u>2022</u>	• Folk Trail: Asphalt overlay	70,000.00
	• Folk Parking Lot: Asphalt overlay	60,000.00
	• Dickey Park Multi-Purpose Court	40,000.00
	• Handloff Parking Lot	60,000.00
	2022 Total:	\$ 230,000.00
<u>2023</u>	• Newark Reservoir Parking Lot: Asphalt overlay	54,000.00
	• Phillips Park and Handloff Park Tennis Courts: Crack repair with membrane system and color coating	50,000.00
	• Karpinski Park Trail: Asphalt overlay	48,000.00
	2023 Total:	\$ 152,000.00
<u>2024</u>	• James F. Hall Trail: Asphalt overlay	150,000.00
	• Fairfield Tennis Court	25,000.00
	• Folk Tennis Court – crack repair, sealant & color coating	15,000.00
	2024 Total:	\$ 190,000.00



PROJECT NO: K1202
PROJECT TITLE: Kershaw Park Improvements
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Kershaw Park
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2012
Est. Completion Date:	2021
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 200,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 200,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9622	\$ 200,000
TOTAL PROJECT COST		\$ 200,000

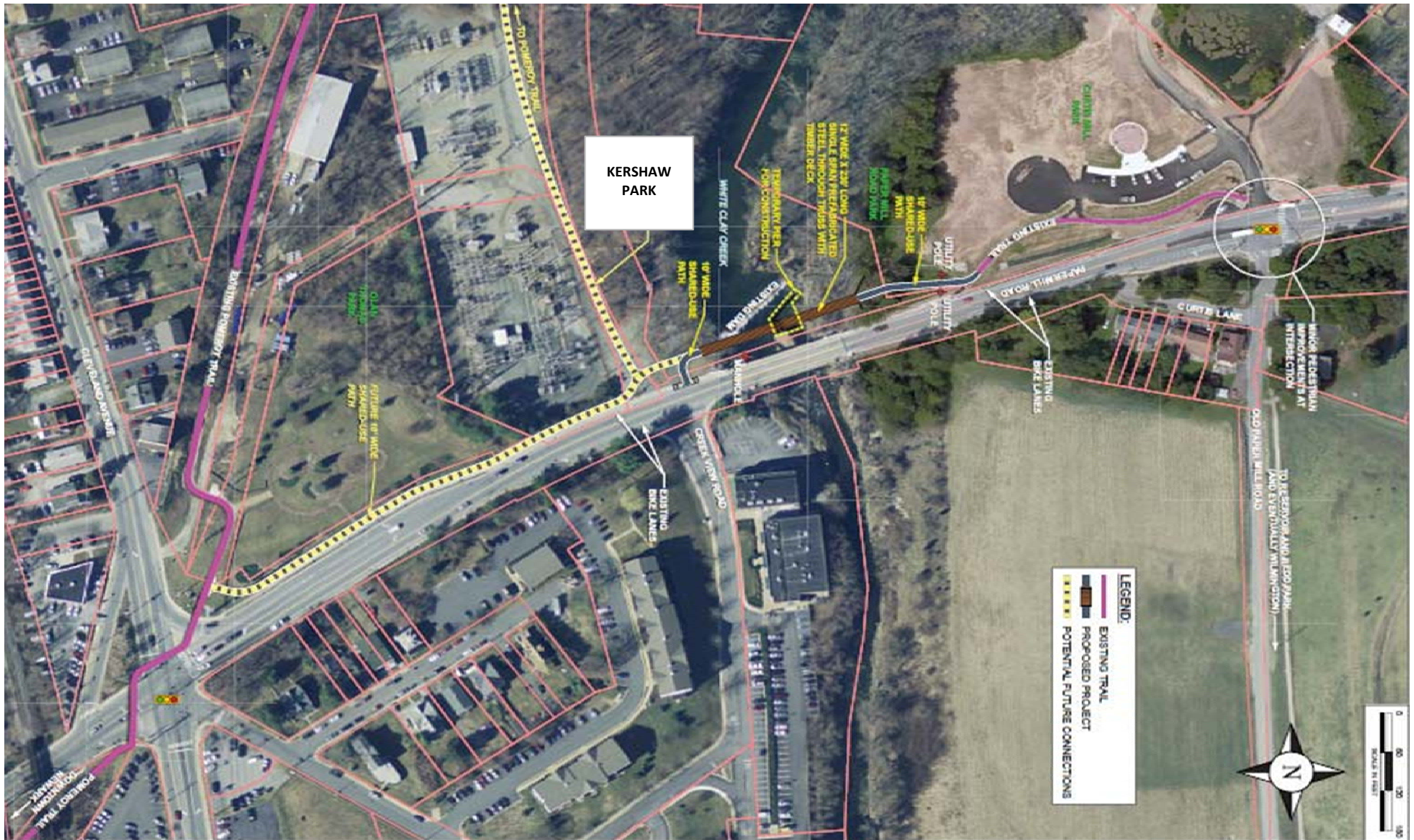
² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	200,000	-	-	-	\$ 200,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

(Below map is horizontal for sizing and spacing purposes)





PROJECT NO: K1203
PROJECT TITLE: Old Paper Mill Park Improvements
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 600,000	\$ 600,000	\$ -	\$ -	\$ 1,200,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 600,000	\$ 600,000	\$ -	\$ -	\$ 1,200,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Old Paper Mill Rd
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2019
Est. Completion Date:	2022
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 1,300,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 100,000
% Complete (if underway):	7.7%
Balance to be funded ¹ :	\$ 1,200,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 1,200,000
TOTAL PROJECT COST		\$ 1,200,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

A master plan for this project was completed in 2011, an updated plan will need to be developed.

New park construction:

-Project Scope:

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.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	100,000	41,854	58,146	\$ -	-	600,000	600,000	-	-	\$ 1,200,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 100,000	\$ 41,854	\$ 58,146	\$ -	\$ -	\$ 600,000	\$ 600,000	\$ -	\$ -	\$ 1,200,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -

K1203: Old Paper Mill Park Improvements
Supporting Documentation - Page 1





PROJECT NO: K0908
PROJECT TITLE: Children's Play Equipment
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 40,000	\$ 40,000	\$ 16,450	\$ 60,000	\$ 156,450
*Prior Authorized Balance:	\$ 60,154	\$ -	\$ -	\$ -	\$ -	\$ 60,154
2020-2024 Funding:	\$ 60,154	\$ 40,000	\$ 40,000	\$ 16,450	\$ 60,000	\$ 216,604

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Various
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2009
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	12
Est. Total Cost:	\$ 216,604
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 216,604

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9620	\$ 216,604
TOTAL PROJECT COST		\$ 216,604

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Replace old and install new childrens play equipment to comply with current Playground Safety standards. 2019 replacement funds are for Dickey Park and various pieces and repairs throughout the park system.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	60,000	-	-	\$ 60,000	-	40,000	40,000	16,450	60,000	\$ 156,450
CAPITAL RESERVES	154	-	-	\$ 154	60,154	-	-	-	-	\$ 60,154
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 60,154	\$ -	\$ -	\$ 60,154	\$ 60,154	\$ 40,000	\$ 40,000	\$ 16,450	\$ 60,000	\$ 216,604
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:					-	-	-	-	-	\$ -
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -

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PROJECT NO: KEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 40,000	\$ 30,000	\$ 145,000	\$ 155,000	\$ 25,000	\$ 395,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 40,000	\$ 30,000	\$ 145,000	\$ 155,000	\$ 25,000	\$ 395,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 628,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 233,000
% Complete (if underway):	37.1%
Balance to be funded ¹ :	\$ 395,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 395,000
TOTAL PROJECT COST		\$ 395,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Planned advance funding accumulated through depreciation to replace essential equipment when necessary.	
Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	59,517	31,330	28,187	\$ -	15,050	16,518	33,982	46,606	53	\$ 112,209		
EQUIPMENT REPLACEMENT	173,483	173,483	-	\$ -	24,950	13,482	111,018	108,394	24,947	\$ 282,791		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 233,000	\$ 204,813	\$ 28,187	\$ -	\$ 40,000	\$ 30,000	\$ 145,000	\$ 155,000	\$ 25,000	\$ 395,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
PARKS AND RECREATION DEPARTMENT

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>STAFF VEHICLES</u>													
1427	2012 Toyota Camry Hybrid	03/19/12	24,718	21,264	70,000	10	2022	2022	24,718			30,000		
1431	2018 Dodge Ram 2500 4X4	11/09/18	31,980	--	70,000	10	2028	2028	31,980					
1437	2016 Dodge Grand Caravan	10/30/15	23,223	12,264	70,000	10	2025	2025	23,223					
	<u>HORTICULTURE</u>													
1401	2009 Ford Ranger Pickup Truck	04/03/09	13,482	68,375	85,000	10	2019	2021	13,482		30,000			
1426	2012 Ford F350 Crew Cab	07/13/12	30,639	43,086	110,000	10	2022	2022	30,639			55,000		
1435	2018 Dodge Ram 2500, 4x4 Crew Cab	09/07/18	29,877	4,861	55,000	10	2018	2028	29,877					
1440	2016 Ford F250 Pickup Truck 4x4	07/27/16	24,967	17,291	85,000	10	2026	2026	24,967					
	<u>PARK MAINTENANCE</u>													
1430	2009 Ford F350 1 Ton Pickup Truck 4x4	05/01/09	24,950	44,391	48,000	10	2019	2020	24,950	40,000				
1433	2016 Ford F450 Swaploader 4x4	03/24/16	69,709	5,462	70,000	10	2026	2026	69,709					
1434	2017 Ford F350 Pickup Truck 4x4	07/18/17	29,209	7,857	85,000	10	2027	2027	29,209					
1436	2014 Ford F350 Pickup Truck 4x4	11/14/13	28,819	30,751	85,000	10	2023	2023	28,819				45,000	
1439	2016 Ford F350 Pickup Truck 4x4	11/05/15	25,721	18,295	--	10	2026	2026	25,721					
	<u>OTHER EQUIPMENT</u>													
1414	2018 Jacobsen HR800 Bat Wing Mower	04/30/19	89,589	--	--	10	2029	2029	89,589					
1415	2013 Jacobsen HR9016 16' Cut Mower	05/24/13	79,575	--	--	10	2023	2023	79,575				110,000	
1421	2018 Kubota F3990 Mower	06/11/19	27,989	--	--	10	2029	2029	27,989					
1423	2018 Kubota F3990 Mower	06/11/19	27,989	--	--	10	2029	2029	27,989					
1424	2014 Walker Riding Mower 26 HP	05/28/14	24,947	--	--	10	2024	2024	24,947					25,000
1461	2018 Kubota M7060 Utility Tractor	06/07/19	56,308	--	--	10	2029	2029	56,308					
1463	2012 Vanguard 4231TD Tractor 31HP	06/29/12	55,661	--	--	20	2022	2022	55,661			60,000		
TOTAL PARKS AND RECREATION DEPARTMENT										\$ 40,000	\$ 30,000	\$ 145,000	\$ 155,000	\$ 25,000
LESS: USE OF CAPITAL RESERVES										(15,050)	(16,518)	(33,982)	(46,606)	(53)
LESS: USE OF CURRENT RESOURCES										-	-	-	-	-
NET EQUIPMENT SINKING FUND TOTAL										\$ 24,950	\$ 13,482	\$ 111,018	\$ 108,394	\$ 24,947

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

PARKING FUND - PLANNING AND DEVELOPMENT DEPARTMENT - PARKING DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 343,391	\$ 168,720	\$ -	\$ -	\$ 40,000	\$ 552,111
*Prior Authorized Balance:	\$ -	\$ 14,280	\$ -	\$ -	\$ -	\$ 14,280
2020-2024 Funding:	\$ 343,391	\$ 183,000	\$ -	\$ -	\$ 40,000	\$ 566,391

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019	2020		2020	2021	2022	2023	2024	TOTAL
			BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING						
V2002	Campus District Kiosk Installation	C	\$ -	\$ -	\$ -	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ 168,000
V1901	Parking Lot Surface Maintenance	B	127,740	-	105,000	105,000	-	-	-	-	105,000
V1904	Parking Ambassador Radios	D	27,000	-	-	-	-	-	-	-	-
V1905	Newark Parking Kiosk Program	C	309,376	87,391	100,000	187,391	-	-	-	-	187,391
V1802	Lot #1 Expansion	A	215,000	-	-	-	-	-	-	-	-
V1702	Additional Parking Sensors	A	15,000	-	-	-	-	-	-	-	-
V1703	Lot Countdown Signs	D	24,000	-	-	-	15,000	-	-	-	15,000
VEQSF	Equipment Replacement Program	D	-	49,851	1,149	51,000	-	-	-	40,000	91,000
Total Parking Fund - Parking Division			\$ 718,116	\$ 137,242	\$ 206,149	\$ 343,391	\$ 183,000	\$ -	\$ -	\$ 40,000	\$ 566,391
PLANNED FINANCING SOURCES											
GROSS CAPITAL IMPROVEMENTS			\$ 718,116	\$ 137,242	\$ 206,149	\$ 343,391	\$ 183,000	\$ -	\$ -	\$ 40,000	\$ 566,391
LESS: USE OF RESERVES			(652,116)	(67,861)	-	(67,861)	-	-	-	-	(67,861)
VEHICLE & EQUIPMENT REPLACEMENT			-	(41,029)	-	(41,029)	-	-	-	(24,457)	(65,486)
GRANTS			-	(8,822)	-	(8,822)	-	-	-	-	(8,822)
BOND ISSUES			-	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES			(12,000)	(19,530)	-	(19,530)	-	-	-	-	(19,530)
NET CAPITAL IMPROVEMENTS			\$ 54,000	\$ -	\$ 206,149	\$ 206,149	\$ 183,000	\$ -	\$ -	\$ 15,543	\$ 404,692

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: V2002
PROJECT TITLE: Campus District Kiosk Installation
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ 168,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ 168,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Planning & Development
DIVISION:	Parking
FUND:	Parking
PROJECT LOCATION:	On-Street Campus District
PROJECT PRIORITY:	3 - Medium-High
The City would be taking a calculated risk in the deferral of this item	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Inclusive Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2020
Est. Completion Date:	2021
Est. Useful Life (in years):	12
Est. Total Cost:	\$ 168,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 168,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	5495406.9620	\$ 10,000
Materials:	5495406.9622	\$ 158,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 168,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

An extensions of approved project V1905, V2001 - Campus District Kiosk Installation is the completion of the T2 Multi-Space Kiosk project through the City of Newark. As V1905 - Newark Parking Kiosk Program has been approved by Council through 2020, the 2021 costs that have not been discussed have been put under their own project title. V1905 includes the installation of multi-space kiosks on the streets closest to the University of Delaware campus, known as the 'Campus District,' and includes Kent Way, Amstel Avenue, Courtney Street, and Academy Street, south of Delaware Avenue (also known as Long Academy). As each street is unique, each one has a different cost to adding kiosks.

The breakdown of each street is as follows:

Kent Way - 7 Kiosks
 Amstel Avenue - 9 Kiosks
 Courtney Street - 1 Kiosks
 Long Academy - 4 Kiosks

Total: 21 Kiosks

In addition to the hardware, there is an installation cost and a set-up fee that must be paid. These fees are dependent on how many machines are purchased, but with this cost included, each machine would generally cost around \$8,000. This does not include increased subscription fees from the new hardware after installation. Those fees will be in addition to what has already been installed and will be added to the I.T. Budget is subsequent years. Incremental cost savings will increase by year, as the new system allows for Pay-by-App and a lower overall cost to credit card usage will turn a savings, currently an increasing expenditure, but the multi-space system allows for cost savings in multiple areas for credit card users. The division is asking for an additional \$168,000 to complete the removal of single-space parking meters in the Campus District.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	168,000	-	-	-	\$ 168,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ 168,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	(7,500)	(15,000)	(18,000)	(21,000)	\$ (61,500)



PROJECT NO: V1901
PROJECT TITLE: Parking Lot Surface Maintenance
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Planning & Development
DIVISION:	Parking
FUND:	Parking
PROJECT LOCATION:	Municipal Lots
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2010
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	10-15
Est. Total Cost:	\$ 331,897
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 226,897
% Complete (if underway):	68.4%
Balance to be funded ² :	\$ 105,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5495406.9620	\$ 105,000
TOTAL PROJECT COST		\$ 105,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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 V1901, but used to be under V1001 previously.

Lot #1: This lot was scheduled to be repaved in 2021, as it was last done in 2011. \$105,000 was provided in 2021 under "V1001 – Parking Lot Surface Maintenance" in 2017. As the lot is having the property on Delaware Avenue added to its inventory, the lot will be repaved in the spring of 2020 to ensure the quality of the lot as a whole and while the equipment is on-site. This \$105,000 is being requested in 2020 to ensure costs are covered for the lot expansion and repave.

Lot #2: This lots 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 construction.

Lot #3 and #4: Due to numerous private projects and other variables, the division has decided against paving at this time until the future of these lots are more certain. Lot #3 will need attention after the development of the Hyatt Hotel, to be discussed with the developer. Discussions on a separate hotel in Lot #4 are on-going, but portions of the lot are in need of repairs. Cost to repave drive lanes and entrance exits in both lots were estimated at \$127,740 in 2018.

Lot #5: As this lot was completed in 2013, this lot is scheduled to be repaved in 2028/2029.

Lot #6: This lot was constructed in 2015, so this lot is scheduled to be repaved in 2025/2026.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	105,000	-	-	-	-	\$ 105,000
CAPITAL RESERVES	99,157	-	99,157	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	127,740	-	127,740	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 226,897	\$ -	\$ 226,897	\$ -	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: V1905
PROJECT TITLE: Newark Parking Kiosk Program
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 187,391	\$ -	\$ -	\$ -	\$ -	\$ 187,391
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 187,391	\$ -	\$ -	\$ -	\$ -	\$ 187,391

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Planning & Development
DIVISION:	Parking
FUND:	Parking
PROJECT LOCATION:	Municipal Lots
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Inclusive Community

\$ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2019
Est. Completion Date:	2020
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 496,767
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 309,376
% Complete (if underway):	62.3%
Balance to be funded ¹ :	\$ 187,391

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5495406.9620	\$ 187,391
TOTAL PROJECT COST		\$ 187,391

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Detail: Parking implementation to modernize City of Newark's current Parking infrastructure, moving from fixed parking meters to a kiosk/LPR system.	
2019 Costs: Year One Total \$309,376 - License Plate Recognition and Initial Cost Setup - \$140,996 - Haines Street - \$32,390 - 5 Kiosks - 40+ New Parking Spaces - Lovett Avenue - \$19,530 - 3 Kiosks - 23 New Parking Spaces - Center Street - \$19,530 - 3 Kiosks - 13 New Parking Spaces + 8 IPS Replacement - North Chapel - \$6,430 - 1 Kiosk - 3 New Parking Spaces + 2 IPS Replacement - Main Street (Washington to Chapel) - \$51,680 - 8 Kiosks - 49+ IPS Replacement - Lot #2 Pilot - \$12,860 - 2 Kiosks - 71 New Night/Weekend Spaces - Lot #6 Pilot - \$6,430 - 1 Kiosk - 34 IPS Replacement - Lot #3 - \$19,530 - 3 Kiosks - 130+ ParkingSoft Replacement (**LANG Reimbursement**)	Return-On-Investment: Annual ROI after Year 2 Implementation: \$536,100 Shown below under the Operating Impact section One-Time Savings = \$400,000 - Haines Street: 40 Spaces * \$3,200 = \$128,000 annual - Lovett Avenue: 23 Spaces * \$2,800 = \$64,400 annual - Center Street: 13 Spaces * \$3,200 = \$41,600 annual N. Chapel: 3 Spaces * \$3,000 = \$9,000 annual - Lot #2: 71 Spaces * \$1,100 = \$78,100 annual - Personnel Savings = \$200,000 annual - Equipment Savings = \$15,000 annual - Cost to Full IPS Meter Replacement = \$400,000+ (one-time) - Maintenance/Enforcement Efficiencies
2020 Costs: Year Two Total \$187,391 - Main Street (Chapel to College) and Immediate Streets - \$128,801 - 20 Kiosks - 154+ IPS Replacement - Main Street (College to Deer Park) and New London Rd. - \$19,530 - 3 Kiosks - 24 IPS Replacement - Lot #1 - \$19,530 - 3 Kiosks - 245+ ParkingSoft Replacement - Lot #4 - \$19,530 - 3 Kiosks - 152 ParkingSoft Replacement	**Please note, \$100,000 in 2020 current resources will be deauthorized from V1701 and transferred to V1905.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	100,000	-	-	-	-	\$ 100,000
CAPITAL RESERVES	309,376	-	309,376	\$ -	67,861	-	-	-	-	\$ 67,861
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	19,530	-	-	-	-	\$ 19,530
TOTAL:	\$ 309,376	\$ -	\$ 309,376	\$ -	\$ 187,391	\$ -	\$ -	\$ -	\$ -	\$ 187,391
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
INCREMENTAL COSTS (NET SAVINGS)					-	(536,100)	(536,100)	(536,100)	(536,100)	\$ (2,144,400)



PROJECT NO: V1703
PROJECT TITLE: Lot Countdown Signs
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 720	\$ -	\$ -	\$ -	\$ 720
*Prior Authorized Balance:	\$ -	\$ 14,280	\$ -	\$ -	\$ -	\$ 14,280
2020-2024 Funding:	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Planning & Development
DIVISION:	Parking
FUND:	Parking
PROJECT LOCATION:	Hourly Off-Street Lots
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2017
Est. Completion Date:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 15,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 15,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5495406.9622	\$ 15,000
TOTAL PROJECT COST		\$ 15,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Lot countdown signs have been installed at multiple entrances to Lots 1, 3, and 4, indicating to customers the accurate count of open spaces available in the lots, to increase customer convenience and reduce traffic congestion. These signs allow the customer to make an educated decision to which parking lot they enter to find parking, rather than pulling into and circling a lot that has no available parking spaces.

With the advice of City Council, the signs were installed in select locations. Occupancy can be reported to an online GIS map so that patrons with access to the internet can see the real-time occupancy of any pay-by-hour municipal parking lot before coming downtown. Upon recommendation from the Parking Subcommittee, this program should be extended to include major entrance points into the City of Newark into multi-lot countdown signs that shows availability in all parking lot options offered by the City.

Originally, the City wanted to work the University of Delaware on a collaborative countdown sign, but those plans are currently tabled. The division is requesting \$15,000 in 2021 as it continues to work with University of Delaware on a collaborative project for select locations, with suggestions from the parking consultation RFP.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	12,000	-	-	\$ 12,000	-	15,000	-	-	-	\$ 15,000
CAPITAL RESERVES	2,280	-	-	\$ 2,280	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 14,280	\$ -	\$ -	\$ 14,280	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: VEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 51,000	\$ -	\$ -	\$ -	\$ 40,000	\$ 91,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 51,000	\$ -	\$ -	\$ -	\$ 40,000	\$ 91,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development
DIVISION:	Parking
FUND:	Parking
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 91,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 91,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	5495426.9623	\$ 91,000
TOTAL PROJECT COST		\$ 91,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	1,149	-	-	-	15,543	\$ 16,692
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	41,029	-	-	-	24,457	\$ 65,486
GRANTS Green Energy	-	-	-	\$ -	8,822	-	-	-	-	\$ 8,822
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 51,000	\$ -	\$ -	\$ -	\$ 40,000	\$ 91,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
PLANNING AND DEVELOPMENT DEPARTMENT, PARKING DIVISION

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
										2020	2021	2022	2023	2024
	<u>STAFF VEHICLES</u>													
1100	2017 Ford T150 Transit Cargo Van	09/14/16	26,687	8,126	55,000	10	2026	2026	26,687					
1101	2015 Ford T150 Transit Cargo Van	12/31/14	24,457	10,207	80,000	10	2024	2024	24,457					40,000
1102	2000 Ford Crown Victoria Sedan	08/11/00	19,851	48,954	65,000	12	2012	2020	19,851	21,000				
1103	2011 Ford Ranger Pickup Truck	03/09/12	21,178	98,448	80,000	8	2020	2020	21,178	30,000				
1104	2017 Ford Transit Connect	03/02/17	22,768	30,803	90,000	10	2027	2027	22,768					
TOTAL PARKING DIVISION										\$ 51,000	\$ -	\$ -	\$ -	\$ 40,000
LESS: USE OF CAPITAL RESERVES										-	-	-	-	-
LESS: USE OF GRANT FUNDING										(8,822)				
LESS: USE OF CURRENT RESOURCES										(1,149)	-	-	-	(15,543)
NET EQUIPMENT SINKING FUND TOTAL										\$ 41,029	\$ -	\$ -	\$ -	\$ 24,457

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

GENERAL FUND - FINANCE DEPARTMENT - INFORMATION TECHNOLOGY DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 247,500	\$ 248,000	\$ -	\$ -	\$ -	\$ 495,500
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 247,500	\$ 248,000	\$ -	\$ -	\$ -	\$ 495,500

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
I1901	Sonicwall Firewall Replacement	D	\$ 58,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
I1902	Tyler Technologies Contracts, Bid Module and Cash Management Module	D	17,700	-	-	-	23,000	-	-	-	23,000
I1801	Citywide Fiber (Phase II)	B	-	-	140,000	140,000	-	-	-	-	140,000
I1804	Harris Automation Platform	D	-	-	75,000	75,000	75,000	-	-	-	150,000
I1601	Virtual Environment Host Replacement	D	-	-	-	-	75,000	-	-	-	75,000
I1603	Surveillance Camera Refresh	B	32,500	-	32,500	32,500	-	-	-	-	32,500
I1606	Disaster Recovery and Planning	B	-	-	-	-	75,000	-	-	-	75,000
Total General Fund - Information Technology Division			<u>\$ 108,200</u>	<u>\$ -</u>	<u>\$ 247,500</u>	<u>\$ 247,500</u>	<u>\$ 248,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 495,500</u>

PLANNED FINANCING SOURCES																		
GROSS CAPITAL IMPROVEMENTS	\$	108,200	\$	-	\$	247,500	\$	247,500	\$	248,000	\$	-	\$	-	\$	-	\$	495,500
LESS: USE OF RESERVES		-		-		-		-		-		-		-		-		-
VEHICLE & EQUIPMENT REPLACEMENT		-		-		-		-		(117,000)		-		-		-		(117,000)
GRANTS		-		-		-		-		-		-		-		-		-
BOND ISSUES		(32,500)		-		-		-		-		-		-		-		-
OTHER FINANCING SOURCES		-		-		-		-		-		-		-		-		-
NET CAPITAL IMPROVEMENTS	\$	75,700	\$	-	\$	247,500	\$	247,500	\$	131,000	\$	-	\$	-	\$	-	\$	378,500

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: I1902
PROJECT TITLE: Tyler Technologies Modules
 (Contracts, Bid and Cash)
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 23,000	\$ -	\$ -	\$ -	\$ 23,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 23,000	\$ -	\$ -	\$ -	\$ 23,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	General
PROJECT LOCATION:	Municipal Building
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2019
Est. Completion Date:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 40,700
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 17,700
% Complete (if underway):	43.5%
Balance to be funded ¹ :	\$ 23,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9622	\$ 23,000
TOTAL PROJECT COST		\$ 23,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Tyler Technologies Contracts Module supports the entire lifecycle of a contract from initiation to expiration. This program allows users to create and approve both annual and multi-year contracts for purchases and optionally encumber the appropriate funds in advance. Users are able to allocate contracts by account or account segment, as well as define milestones and key dates that trigger an optional Munis Dashboard alert that notifies the appropriate staff. Contract Management is fully integrated with general ledger, purchasing and accounts payable which allows users to track and withhold contract sliding scale retainage based off percentage complete and also provides the ability to track pending payments, open requisitions, purchase orders and contract change orders.

2021 Estimate: \$11,500.00 *This module was advanced from 2019 to 2021.

Tyler Technologies Bid Module can create any number of bid catalogs. Bid catalogs can be initiated for yearly purchases of items or generated through the Munis requisition process. Individual departments can enter on-line requested quantities for item being put out to bid. Once the bid has been established notifications can be sent to vendors via e-mail. Vendors can either mail their bids to the requesting site or optionally enter their bid information using Munis Self-Service. Additional criteria in the form of custom RFP questions can also be attached to a Munis bid. From vendor responses, Munis determines the best vendor to award a bid to by individual bid line item. Awarded bids can be used to create Purchase Orders or converted into a Contract that can be purchased against for the term of the bid.

2021 Estimate: \$11,500.00 *This module was advanced from 2019 to 2021.

Tyler Technologies Cash Management Module will provide the Finance department with:

- Disbursement and check reconciliation functions from accounts payable and payroll
- A separate file for recording bank account transactions including pooled cash, investment detail files and debt detail files
- A tool for cash flow forecasting for any cash account or date range, which provides the option to integrate with accounting system transactions to provide a budget vs. actual cash flow file
- Bank Reconciliation, which reconciles Munis cash accounts (book balance) with their corresponding bank accounts (bank balance)

2019 Estimate: \$17,700.00

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	17,700	-	17,700	\$ -	-	23,000	-	-	-	\$ 23,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 17,700	\$ -	\$ 17,700	\$ -	\$ -	\$ 23,000	\$ -	\$ -	\$ -	\$ 23,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					INCREMENTAL COSTS (NET SAVINGS)					
					2020	2021	2022	2023	2024	TOTAL
					-	1,845	4,041	4,041	4,041	\$ 13,968



PROJECT NO: I1801
PROJECT TITLE: Fiber Network (Phase II)
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	General
PROJECT LOCATION:	City-Wide
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2020
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 140,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 140,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9622	\$ 140,000
TOTAL PROJECT COST		\$ 140,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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 is 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 utilizing Comcast services to provide access.

Currently scheduled for 2020 (\$140,000) - Extension of existing fiber network to 3 main areas:

South College Avenue towards I95 interchange - In reviewing crime data, Newark PD has investigated (107) robberies from January 2015 to July 2018; (25) 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 complement 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

South Well Field for SCADA

New London Road (George Wilson Center) for additional cameras and to connect facility to core network.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	140,000	-	-	-	-	\$ 140,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: I1804
PROJECT TITLE: Harris Automation Platform
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ -	\$ 150,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ -	\$ 150,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	General
PROJECT LOCATION:	Municipal Building
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:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2018
Est. Completion Date:	2021
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 150,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 150,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9622	\$ 150,000
TOTAL PROJECT COST		\$ 150,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Harris NorthStar (and associated applications) is 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.

Would be used to automate many tasks currently performed manually, such as:

- Billing Improvements including Validation Procedures and Processes
- Credit Control – Late Payment Penalties and Disconnect Notices
- Preauthorized Payments (PAP)

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	75,000	75,000	-	-	-	\$ 150,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ -	\$ 150,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -



PROJECT NO: I1601
PROJECT TITLE: Virtual Environment Host Replacement
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	General
PROJECT LOCATION:	Municipal Building
PROJECT 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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2016
Est. Completion Date:	2021
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 75,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 75,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	3063006.9622	\$ 8,000
Other Contracts:	3063026.9622	\$ 67,000
TOTAL PROJECT COST		\$ 75,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

Currently scheduled for 2021 (\$75,000)
 Replacement for equipment purchased in 2016 (4 year replacement)
 Server and Storage for IT Datacenters

This is an estimated cost and will be formally quoted during annual budget preparation in late 2019.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	8,000	-	-	-	\$ 8,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	67,000	-	-	-	\$ 67,000
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:					-	-	-	-	-	\$ -
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -



PROJECT NO: I1603
PROJECT TITLE: Surveillance Camera Refresh
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 32,500	\$ -	\$ -	\$ -	\$ -	\$ 32,500
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 32,500	\$ -	\$ -	\$ -	\$ -	\$ 32,500

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	General
PROJECT LOCATION:	City-Wide
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2016
Est. Completion Date:	2020
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 110,593
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 78,093
% Complete (if underway):	70.6%
Balance to be funded ² :	\$ 32,500

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9622	\$ 32,500
TOTAL PROJECT COST		\$ 32,500

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

IMPACTED DEPARTMENT/DIVISION: Newark Police Department

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 between 5 and 6 years to ensure optimum functionality and savings on repair.

Project began in 2017 and expected completion in 2020
 Replacing 5 traffic cameras per year (total of 30 cameras - 10 replaced in 2017)

Axis Q6045-C PTZ Dome 60Hz Network Camera
 30 Cameras - \$123,000.00 + Installation - \$60,000.00 + OnSSI Licensing - \$12,000.00 = \$195,000.00 (Original Total Project Cost)

Originally when this project was budgeted the City had planned to outsource the installation. When the project began in 2017, we utilized City staff for installation resulting in savings of approximately \$13,000 the first year. Due to these savings, the City was able to replace 10 cameras per year as opposed to the 5 that was originally planned. No cameras were replaced in 2018, however in 2019 we replaced 10 cameras and plan to replace the remaining 10 cameras in 2020.

*Please note, following the 2020 budgeted replacements, the cost of camera replacement will be in the operating budget.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	32,500	-	-	-	-	\$ 32,500
CAPITAL RESERVES	45,593	-	45,593	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	32,500	-	32,500	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 78,093	\$ -	\$ 78,093	\$ -	\$ 32,500	\$ -	\$ -	\$ -	\$ -	\$ 32,500
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: I1606
PROJECT TITLE: Disaster Recovery and Planning
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	General
PROJECT LOCATION:	Municipal Building
PROJECT 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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2016
Est. Completion Date:	2021
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 75,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 75,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:	3063006.9622	\$ 25,000
Other Contracts:	3063026.9622	\$ 50,000
TOTAL PROJECT COST		\$ 75,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
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.	
Currently scheduled for 2021 (\$75,000)	
Replacement for equipment purchased in 2016 (4 year replacement)	
Server and Storage for IT Datacenters	
**Please note, currently this is an estimated cost and will be formally quoted during the annual budget preparation in late 2019.	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	25,000	-	-	-	\$ 25,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	50,000	-	-	-	\$ 50,000		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

MAINTENANCE FUND - PUBLIC WORKS AND WATER RESOURCES DEPARTMENT - FLEET MAINTENANCE DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
MEQSF	Equipment Replacement Program	B	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total Maintenance Fund - Fleet Maintenance Division		<u>\$ 40,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	LESS: USE OF RESERVES		(22,195)	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		(17,805)	-	-	-	-	-	-	-	-
	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>

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: MEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Fleet
FUND:	Maintenance
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 40,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 40,000
% Complete (if underway):	100.0%
Balance to be funded ¹ :	\$ -

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ -

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Planned advance funding accumulated through depreciation to replace essential equipment when necessary.	
Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	22,195	22,164	31	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	17,805	17,805	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 40,000	\$ 39,969	\$ 31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

MAINTENANCE FUND - ADMINISTRATION DEPARTMENT - FACILITIES MAINTENANCE DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 1,228,000	\$ 185,000	\$ 15,000	\$ 40,000	\$ -	\$ 1,468,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 1,228,000	\$ 185,000	\$ 15,000	\$ 40,000	\$ -	\$ 1,468,000

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
N2001	City Hall - Electric Vehicle Charging Station Wiring	B	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
N2002	City Hall - Carpet Upgrades	B	-	-	3,000	3,000	12,000	15,000	20,000	-	50,000
N2003	City Building Roof Repair/Replacement	B	65,000	-	-	-	50,000	-	20,000	-	70,000
N1901	City Hall - HVAC System Upgrades	D	50,000	950,000	-	950,000	-	-	-	-	950,000
N1801	Rear Concrete Deck and Stairs	C	50,000	120,000	-	120,000	-	-	-	-	120,000
N1803	Exterior Paint and Powerwash	C	-	-	-	-	33,000	-	-	-	33,000
N1806	FOC - Master Plan	D	225,000	-	-	-	-	-	-	-	-
N1808	FOC - Buildings 1 and 2, Security Improvements	B	31,000	-	-	-	-	-	-	-	-
N1809	TRN - New Windows	C	-	-	-	-	55,000	-	-	-	55,000
N1702	Council Chamber Renovations	C	25,000	-	-	-	-	-	-	-	-
N1603	GWC - HVAC System Upgrades	D	105,000	105,000	-	105,000	-	-	-	-	105,000
NEQSF	Equipment Replacement Program	D	-	-	-	-	35,000	-	-	-	35,000
Total Maintenance Fund - Facilities Maintenance Division			\$ 551,000	\$ 1,225,000	\$ 3,000	\$ 1,228,000	\$ 185,000	\$ 15,000	\$ 40,000	\$ -	\$ 1,468,000

PLANNED FINANCING SOURCES											
GROSS CAPITAL IMPROVEMENTS		\$ 551,000	\$ 1,225,000	\$ 3,000		\$ 1,228,000	\$ 185,000	\$ 15,000	\$ 40,000	\$ -	\$ 1,468,000
LESS: USE OF RESERVES		-	-	-		-	(20,804)	-	-	-	(20,804)
VEHICLE & EQUIPMENT REPLACEMENT		-	-	-		-	(14,196)	-	-	-	(14,196)
GRANTS		-	(15,000)	-		(15,000)	(55,000)	-	-	-	(70,000)
BOND ISSUES		(275,000)	(120,000)	-		(120,000)	-	-	-	-	(120,000)
OTHER FINANCING SOURCES		(105,000)	(1,090,000)	-		(1,090,000)	-	-	-	-	(1,090,000)
NET CAPITAL IMPROVEMENTS		\$ 171,000	\$ -	\$ 3,000		\$ 3,000	\$ 95,000	\$ 15,000	\$ 40,000	\$ -	\$ 153,000

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: N2001
PROJECT TITLE: City Hall - Electric Vehicle Charging Station Purchase and Installation
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	City Municipal Building
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

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2020
Est. Completion Date:	2020
Est. Useful Life (in years):	7
Est. Total Cost:	\$ 50,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 50,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	6006016.9621	\$ 15,000
Materials:	6006016.9621	\$ 35,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 50,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Council advised City staff to begin replacing City vehicles with electric vehicles whenever possible moving forward, which will require the purchase and installation of electric vehicle charging stations throughout Newark.

To prepare for the City's roll out of electric vehicle charging stations at the Municipal Center, electrical lines will need to be run from a transformer at Rittenhouse Station to the Municipal Center parking lot. The wiring should allow for expedited station installation in the future if desired as well. Additional wiring will need to be done at Lot 1 as well, which will also allow for greater station implementation in the future. The following estimations are for the preparation, purchasing, and installation of two charging stations at the Municipal Center and one station at Lot 1:

\$10,000: Wiring/other preparation work

\$40,000: Purchase and installation (currently based on ChargePoint's quote; other vendors may be significantly less)

The "grants" for this project would come in the form of a \$5,000/charging station rebate from DNREC:

<https://dnrec.alpha.delaware.gov/climate-coastal-energy/clean-transportation/ev-charging-equipment-rebates/>

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS DNREC	-	-	-	\$ -	15,000	-	-	-	-	\$ 15,000
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER Green Energy Fund	-	-	-	\$ -	35,000	-	-	-	-	\$ 35,000
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: N2002
PROJECT TITLE: City Carpet Upgrades
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 3,000	\$ 12,000	\$ 15,000	\$ 20,000	\$ -	\$ 50,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 3,000	\$ 12,000	\$ 15,000	\$ 20,000	\$ -	\$ 50,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	City Municipal Building & Parking Office
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:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2020
Est. Completion Date:	2023
Est. Useful Life (in years):	25
Est. Total Cost:	\$ 50,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 50,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	6006016.9621	\$ 20,000
Materials:	6006016.9621	\$ 30,000
Other Contracts:		\$ -
TOTAL PROJECT COST		\$ 50,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Much of the carpeting at City Municipal Center and the Parking Office downtown is in need of replacement. Since carpeting in areas frequently visited by the public are a priority over lesser seen spaces in Municipal offices, the following phases outline the best way to proceed:

Phase 1 (2020): Parking Office - Estimate \$3,000

Phase 2 (2021): 1st-floor of City Hall - Estimate \$12,000*

Phase 3 (2022): 2nd-floor of City Hall - Estimate \$15,000

Phase 4 (2023): Newark Police Department - Estimate \$20,000

*Excludes Inspectors' area (fairly new carpeting) and City Council Chambers (included in CIP N1702)

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	3,000	12,000	15,000	20,000	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 12,000	\$ 15,000	\$ 20,000	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: N2003
PROJECT TITLE: City Building Roof Repair/Replacement
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 50,000	\$ -	\$ 20,000	\$ -	\$ 70,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 50,000	\$ -	\$ 20,000	\$ -	\$ 70,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Municipal Center, GWC, and FOC
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	2020
Est. Completion Date:	2023
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 70,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 70,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		
Materials:		
Other Contracts:	6006016.9621	\$ 70,000
TOTAL PROJECT COST		\$ 70,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

On August 14, 2019, American Partner Technologies, LLC (AMPT) submitted a comprehensive roof survey report. In this report were the following recommendations to alleviate the roofing issues the City's flat roofed buildings experience:

Municipal Center:

Roof Area A (City Hall): Recommendation is to repair (\$4,405) versus replace (\$405,120) - 2020
Roof Area B & H (Atrium and rear building connection): Recommendation is to replace (\$47,145) - 2021
Roof Areas C, D, F, & G (PD): Recommendation is to repair (\$26,465) versus replace (\$301,500) - 2020
Roof Area E (rear portion of PD): Recommendation is to repair (\$1,250) versus replace (\$37,560) - 2020

GWC:

Roof: Recommendation is to repair (\$15,325) versus replace (\$165,000) - 2020
Tin Panel Self: Recommendation is to replace (\$17,000) - 2023

Yard Building #1:

Roof Areas A, B, & C: Recommendation is to repair (\$12,765) versus replace (\$289,000) - 2020

Total (based on AMPT recommendations): \$124,355

Repairs: \$60,210 (2020)

Replacements: \$64,145 (\$47,145 in 2021; \$17,000 in 2023)

An extra \$3,280 is quoted for repairs of Municipal Center Area B & H (2020), which could extend the useful life of the roof beyond 2021 when replacement is planned.

Recommended Timeline: 2020: All repairs completed; 2021: Replacement of Municipal Center Area B & H (if alleviation from repairs is Insufficient); 2023: Remaining replacements completed

*All repairs are quoted as if they were done together. Breaking up these repairs will result in higher costs.

**Total roof replacement will be necessary in the near future. The 2020 repairs will likely extend the roofs' useful lives past 2024.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	50,000	-	20,000	-	\$ 70,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 20,000	\$ -	\$ 70,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: N1901
PROJECT TITLE: City Hall - HVAC System Upgrades
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Municipal Building
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2019
Est. Completion Date:	2020
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 1,000,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 50,000
% Complete (if underway):	5.0%
Balance to be funded ¹ :	\$ 950,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	6006016.9621	\$ 950,000
TOTAL PROJECT COST		\$ 950,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
This project covers the replacement of the existing HVAC system at the City Municipal Building and Newark Police Department Buildings. These units are very inefficient and currently require a substantial amount of routine maintenance.	
It is anticipated that this upgrade will result in ongoing operational savings, which will be determined during a future CIP budget cycle.	
<u>Funding Schedule:</u>	
2019: \$50,000 -The funds allocated in 2019 are for the planning and designing of the HVAC system replacement.	
2020: \$950,000 -The funds allocated in 2020 are for implementation of the 2019 plan and the construction costs related.	
It is our goal to perform this work via an energy performance contract through an energy service company (ESCO)	

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	50,000	-	50,000	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER ESCO	-	-	-	\$ -	950,000	-	-	-	-	\$ 950,000
TOTAL:	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: N1801
PROJECT TITLE: Rear Concrete Deck and Stairs
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Newark Police Station
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2020
Est. Useful Life (in years):	25+
Est. Total Cost:	\$ 220,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 100,000
% Complete (if underway):	45.5%
Balance to be funded ¹ :	\$ 120,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	6006016.9621	\$ 120,000
TOTAL PROJECT COST		\$ 120,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

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.

****Please note, an additional \$50,000 in bond funding was recommended and approved on 4/22/2019 bringing the total bond funding to \$100,000.**

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	100,000	-	100,000	\$ -	120,000	-	-	-	-	\$ 120,000
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2020	2021	2022	2023	2024	TOTAL
					-	-	-	-	-	\$ -



PROJECT NO: N1803
PROJECT TITLE: Exterior Paint and Powerwash
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ 33,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ 33,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Municipal Building and Police Station
PROJECT 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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 33,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 33,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	6006016.9621	\$ 33,000
TOTAL PROJECT COST		\$ 33,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
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.	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	33,000	-	-	-	\$ 33,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ 33,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: N1809
PROJECT TITLE: TRN - New Windows
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Newark Train Station
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

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2018
Est. Completion Date:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 55,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 55,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	6006016.9621	\$ 55,000
TOTAL PROJECT COST		\$ 55,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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 for 2021.

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS TBD	-	-	-	\$ -	-	55,000	-	-	-	\$ 55,000		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -



PROJECT NO: N1603
PROJECT TITLE: GWC - HVAC System Upgrades
PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	George Wilson Center
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:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2016
Est. Completion Date:	2020
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 105,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 105,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:	6006016.9621	\$ 5,000
Materials:	6006016.9621	\$ 50,000
Other Contracts:	6006016.9621	\$ 50,000
TOTAL PROJECT COST		\$ 105,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

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.

Increased costs of \$6,120 are due to increases within the vendor contract quote from 2017.

It is anticipated that this upgrade will result in ongoing operational savings, which will be determined by the end of year 2020.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER DEMEC/CAC	105,000	-	-	\$ 105,000	105,000	-	-	-	-	\$ 105,000
TOTAL:	\$ 105,000	\$ -	\$ -	\$ 105,000	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



PROJECT NO: NEQS
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 35,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 35,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	6006016.9623	\$ 35,000
TOTAL PROJECT COST		\$ 35,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	20,804	-	-	-	\$ 20,804
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	14,196	-	-	-	\$ 14,196
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					2020	2021	2022	2023	2024	TOTAL
OPERATING IMPACT:										
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
MAINTENANCE FUND (FLEET MAINTENANCE AND FACILITIES MAINTENANCE DIVISIONS)

VEHICLE NUMBER	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS									
										2020	2021	2022	2023	2024					
FLEET MAINTENANCE DIVISION:																			
650	2019 Ford F350 Dual Wheel 4X2	08/29/19	39,969	-	89,000	10	2029	2029	39,969										
652	2016 Ford F350 Super Duty Pickup Truck	11/05/15	35,388	15,003	75,000	10	2026	2026	35,388										
TOTAL FLEET MAINTENANCE DIVISION										-	-	-	-	-					
FACILITIES MAINTENANCE DIVISION:																			
841	2004 Ford E250 Van	07/08/04	14,196	64,955	64,000	12	2016	2021	14,196		35,000								
842	2016 Ford F250 Pickup Truck 4x4	01/22/16	23,535	9,135	70,000	12	2028	2028	23,535										
TOTAL FACILITIES MAINTENANCE DIVISION										-	35,000	-	-	-					
TOTAL MAINTENANCE FUND						GROSS ACQUISITION COST				\$	-	\$	35,000	\$	-	\$	-	\$	-
						LESS: USE OF CAPITAL RESERVES					-	(20,804)			-		-		-
a. This vehicle scheduled to be replaced in 2019.						LESS: USE OF CURRENT RESOURCES					-	-			-		-		-
						NET EQUIPMENT SINKING FUND TOTAL				\$	-	\$	14,196	\$	-	\$	-	\$	-

a. This vehicle scheduled to be replaced in 2019.

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

GENERAL FUND - PLANNING AND DEVELOPMENT DEPARTMENT - CODE ENFORCEMENT DIVISION

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
BEQSF	Equipment Replacement Program	B	\$ 25,000	\$ 16,148	\$ 3,852	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000
	Total General Fund - Code Enforcement Division		\$ 25,000	\$ 16,148	\$ 3,852	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		\$ 25,000	\$ 16,148	\$ 3,852	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000
	LESS: USE OF RESERVES		(6,186)	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		(18,814)	(16,148)	-	(16,148)	(32,914)	-	-	-	(49,062)
	GRANTS		-	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		\$ -	\$ -	\$ 3,852	\$ 3,852	\$ 17,086	\$ -	\$ -	\$ -	\$ 20,938

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: BEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development
DIVISION:	Code Enforcement
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 136,208
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 47,020
% Complete (if underway):	34.5%
Balance to be funded ¹ :	\$ 89,188

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063026.9623	\$ 70,000
TOTAL PROJECT COST		\$ 70,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	3,852	17,086	-	-	-	\$ 20,938
CAPITAL RESERVES	6,186	6,186	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	40,834	40,834	-	\$ -	16,148	32,914	-	-	-	\$ 49,062
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 47,020	\$ 47,020	\$ -	\$ -	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET			OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
			INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

GENERAL FUND - FINANCE DEPARTMENT

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
FEQSF	Equipment Replacement Program	B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
	Total General Fund - Finance Department		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
	LESS: USE OF RESERVES		-	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		-	-	-	-	-	-	(12,369)	-	(12,369)
	GRANTS		-	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,631	\$ -	\$ 22,631

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: FEQSF
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Finance
FUND:	General
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 35,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 35,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	0111106.9623	\$ 35,000
TOTAL PROJECT COST		\$ 35,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:	
Planned advance funding accumulated through depreciation to replace essential equipment when necessary.	
Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).	

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	22,631	-	\$ 22,631		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	12,369	-	\$ 12,369		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL
					INCREMENTAL COSTS (NET SAVINGS)		-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
(with current year amended budget)

UNICITY TRANSPORTATION FUND - PLANNING AND DEVELOPMENT DEPARTMENT

FUNDING SUMMARY						
	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000

*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	-----2020----- RESERVES AND OTHER FUNDING	CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
UEQSF	Equipment Replacement Program	D	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000
	Total Unicity Transportation Fund		<u>\$ 130,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 130,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 150,000</u>	<u>\$ 280,000</u>
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000
	LESS: USE OF RESERVES		(15,927)	-	-	-	(15,927)	-	-	(35,927)	(51,854)
	VEHICLE & EQUIPMENT REPLACEMENT		-	-	-	-	-	-	-	-	-
	GRANTS		(114,073)	-	-	-	(114,073)	-	-	(114,073)	(228,146)
	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>

* Justification Codes:
A - Return on Investment
B - Public Safety
C - Community Health
D - Efficiency/Other



PROJECT NO: UEQS
PROJECT TITLE: Equipment Replacement Program
PROJECT STATUS: Reoccurring (with no end date)

FUNDING SUMMARY:

*Prior Authorized Balance includes 2019 carryover funding only.

	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development
DIVISION:	Unicity Transportation Fund
FUND:	Unicity Transportation Fund
PROJECT LOCATION:	Various
PROJECT PRIORITY:	1 - Highest Priority Level Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA

First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 410,000
Est. Spend @ 12/31/2019 (if underway) ¹ :	\$ 130,000
% Complete (if underway):	31.7%
Balance to be funded ¹ :	\$ 280,000

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY

CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	1591506.9623	\$ 280,000
TOTAL PROJECT COST		\$ 280,000

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2020-2024).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance ² 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	15,927	5,948	9,979	\$ -	-	15,927	-	-	35,927	\$ 51,854
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	114,073	114,073	-	\$ -	-	114,073	-	-	114,073	\$ 228,146
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 130,000	\$ 120,021	\$ 9,979	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024
OTHER DEPARTMENTS

VEHICLE		PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 7/31/2019	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS				
NUMBER	DESCRIPTION									2020	2021	2022	2023	2024
CODE ENFORCEMENT DIVISION:														
803	2007 Dodge Durango 4x4	02/09/07	20,545	48,735	70,000	9	2016	2021	20,545		25,000			
804	2019 Chevrolet Equinox AWD	01/18/19	22,043	3,157	70,000	12	2031	2031	22,043					
827	2012 Toyota Camry Hybrid	03/19/12	16,148	10,895	70,000	10	2022	2020	16,148	20,000				
836	2019 Chevrolet Equinox AWD	01/18/19	22,043	1,115	75,000	12	2031	2031	22,043					
837	2017 Ford Fusion	08/04/17	17,779	15,378	70,000	12	2029	2029	17,779					
838	2009 Ford Focus	04/03/09	12,369	33,526	75,000	12	2021	2021	12,369		25,000			
839	2018 Chevy Equinox LS AWD	02/21/18	22,020	6,269	65,000	12	2018	2030	22,020					
840	2019 Chevrolet Equinox AWD	06/07/19	22,122	306	65,000	12	2031	2031	22,122					
TOTAL CODE ENFORCEMENT DIVISION										20,000	50,000	-	-	-
FINANCE DEPARTMENT:														
1056	2009 Ford Focus	04/03/09	12,369	48,127	75,000	12	2021	2023	12,369				35,000	
TOTAL FINANCE DEPARTMENT										-	-	-	35,000	-
UNICITY TRANSPORTATION FUND:														
1301	2018 Int'l Mini-Bus	03/09/17	113,426	34,868	100,000	7	2024	2024	-					150,000
1304	2013 Int'l Mini-Bus	a. 02/16/12	--	107,449	100,000	7	2019	2019	-					
1305	2015 Int'l Mini-Bus	06/30/14	110,342	79,620	100,000	7	2021	2021	-		130,000			
	Less: Unicity Transportation Grant Funding										(114,073)			(114,073)
TOTAL UNICITY TRANSPORTATION FUND										-	15,927	-	-	35,927
TOTAL OTHER DEPARTMENTS										\$ 20,000	\$ 180,000	\$ -	\$ 35,000	\$ 150,000
</														

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**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2020-2024
DOCUMENT VERSION CONTROL**

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

N/A

*If needed, this sheet will be updated with any changes that are made to Capital Projects during the 2020-2024 Budget Process.