

CAPITAL IMPROVEMENT PROGRAM (CIP)

PROJECT DETAIL

2022-2026

AS PROPOSED:

BUDGET HEARING #1
NOVEMBER 1, 2021

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CITY OF NEWARK
DELAWARE

October 12, 2021

TO: Planning Commission Members

VIA: Mary Ellen Gray, Planning and Development Director MEG

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

RE: Submission of the 2022-2026 Capital Improvement Plan

The first draft of the 2022-2026 Capital Improvement Plan (CIP) for the City of Newark is attached for your review in advance of the October 19, 2021 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 2021.

The projects and purchases presented were developed over months of departmental research and prioritization, including numerous administrative budget hearings. The projects represent the recommendations of our department directors and our financial and administrative staff. Additionally, it is deemed that the projects and purchases are of a level that we can achieve and that are in the best interest of our community. On each detail sheet, it is noted how the respective project aligns with the City's Comprehensive Plan vision elements, provides code references for certain required projects, and provides the estimated operating impact resulting from the project, if applicable. The 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 2022-2026 Capital Improvement Plan balances the City's use of reserve spending, along with the responsible use of the State Revolving Loan Program/bond authorizations and grant funding for selected projects. The CIP also includes projects that are to be funded utilizing funds from the American Rescue Plan Act (ARPA), as the

$18.1 million grant received by the City must be fully expended or encumbered by the end of 2024.

Your review of this document is sincerely appreciated. We look forward to presenting the highlights and answering any questions you have on the evening of October 19, 2021

Recommended Motion:
We recommend that City Council approve the 2022-2026 Capital Improvements Program as presented to the Planning Commission on October 19, 2021.

Attachments

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY
2022 - 2026

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

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 14,650,674	$ 13,911,001	$ 29,107,824	$ 8,313,840	$ 8,038,089	$ 74,021,428
*Prior Authorized Balance:	$ 1,828,308	$ 2,063,640	$ 1,106,400	$ 1,532	$ -	$ 4,999,880
2022-2026 Funding:	**$ 16,478,982**	**$ 15,974,641**	**$ 30,214,224**	**$ 8,315,372**	**$ 8,038,089**	**$ 79,021,308**

*Prior Authorized Balance includes 2021 carryover funding only.

	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	PROPOSED BUDGETS 2022	2023	2024	2025	2026	TOTAL PROPOSED AMOUNTS
ELECTRIC FUND	$ 670,000	$ 1,718,212	$ 1,033,821	$ 2,752,033	$ 3,588,000	$ 17,325,000	$ 715,000	$ 265,000	$ 24,645,033
WATER FUND	4,635,019	2,650,267	318,733	2,969,000	4,029,000	4,400,000	2,185,000	2,160,000	15,743,000
SEWER FUND	800,000	1,800,000	150,000	1,950,000	2,075,000	2,400,000	1,000,000	1,000,000	8,425,000
STORMWATER FUND	2,221,104	350,000	575,000	925,000	945,000	1,285,000	725,000	650,000	4,530,000
PUBLIC WORKS DEPARTMENT - CAPITAL PROJECT FUND DIVISIONS	2,243,164	1,820,178	519,712	2,339,890	2,929,357	3,095,000	3,200,000	2,695,000	14,259,247
POLICE DEPARTMENT	414,888	129,412	123,228	252,640	509,071	709,224	188,372	490,089	2,149,396
PARKS AND RECREATION DEPARTMENT	2,335,788	1,973,936	94,339	2,068,275	1,154,213	785,000	302,000	483,000	4,792,488
PARKING FUND	156,200	-	-	-	30,000	40,000	-	60,000	130,000
INFORMATION TECHNOLOGY DIVISION	132,700	1,922,155	215,000	2,137,155	100,000	-	-	-	2,237,155
MAINTENANCE FUND	9,499,295	440,654	-	440,654	540,000	25,000	-	60,000	1,065,654
OTHER DEPARTMENTS/DIVISIONS	130,000	644,335	-	644,335	75,000	150,000	-	175,000	1,044,335
GROSS CAPITAL IMPROVEMENTS	**$ 23,238,158**	**$ 13,449,149**	**$ 3,029,833**	**$ 16,478,982**	**$ 15,974,641**	**$ 30,214,224**	**$ 8,315,372**	**$ 8,038,089**	**$ 79,021,308**
PLANNED FINANCING SOURCES									
GROSS CAPITAL IMPROVEMENTS	$ 23,238,158	$ 13,449,149	$ 3,029,833	$ 16,478,982	$ 15,974,641	$ 30,214,224	$ 8,315,372	$ 8,038,089	$ 79,021,308
LESS: USE OF RESERVES	(1,461,690)	(1,603,654)	-	(1,603,654)	(2,007,640)	(1,106,400)	(1,532)	-	(4,719,226)
VEHICLE & EQUIPMENT REPLACEMENT	(629,905)	(733,157)	-	(733,157)	(1,287,780)	(1,528,526)	(1,180,311)	(703,385)	(5,433,159)
GRANTS	(3,956,563)	(708,016)	-	(708,016)	(817,916)	(849,673)	(684,000)	(724,073)	(3,783,678)
BOND ISSUES	(646,888)	(450,178)	-	(450,178)	(56,000)	-	-	-	(506,178)
STATE REVOLVING LOANS	(6,007,000)	(3,725,000)	-	(3,725,000)	-	-	-	-	(3,725,000)
AMERICAN RESCUE PLAN ACT	(103,478)	(5,834,490)	-	(5,834,490)	(5,590,000)	(5,500,000)	-	-	(16,924,490)
OTHER FINANCING SOURCES	(8,922,853)	(394,654)	-	(394,654)	(180,000)	(14,780,000)	(180,000)	(180,000)	(15,714,654)
NET CAPITAL IMPROVEMENTS	$ 1,509,781	$ -	$ 3,029,833	$ 3,029,833	$ 6,035,305	$ 6,449,625	$ 6,269,529	$ 6,430,631	$ 28,214,923

CITY OF NEWARK, DELAWARE
SUMMARY OF VEHICLE AND EQUIPMENT REPLACEMENT PROGRAM SCHEDULE
CAPITAL PROGRAM YEARS 2022 - 2026

VEHICLE AND EQUIPMENT REPLACEMENT PROGRAM SUMMARY	REPLACEMENT COSTS 2022	2023	2024	2025	2026	TOTAL
Vehicle Replacement Program by Department/Division						
Electric Department	$ 706,350	$ 273,000	$ 100,000	$ 450,000	$ -	$ 1,529,350
Public Works and Water Resources Department - Water Division	40,000	75,000	50,000	35,000	135,000	335,000
Public Works and Water Resources Department - Sewer Division	-	-	350,000	-	-	350,000
Public Works and Water Resources Department - Stormwater Division	-	45,000	250,000	75,000	-	370,000
Public Works and Water Resources Department - Refuse Division	-	200,000	600,000	600,000	300,000	1,700,000
Public Works and Water Resources Department - Street Division	85,000	635,000	350,000	150,000	-	1,220,000
Public Works and Water Resources Department - Engineering Division	-	35,000	-	50,000	-	85,000
Police Department	60,000	450,000	640,000	120,000	400,000	1,670,000
Parks and Recreation Department	60,000	185,000	25,000	35,000	210,000	515,000
Planning and Development Department - Parking Division	-	30,000	40,000	-	60,000	130,000
Public Works and Water Resources Department - Fleet Maintenance Division	-	-	-	-	60,000	60,000
Other Departments/Divisions *	-	75,000	150,000	-	175,000	400,000
Gross Acquisition Costs for Vehicles	951,350	2,003,000	2,555,000	1,515,000	1,340,000	8,364,350
Less: Use of Grant Funding	-	-	(114,073)	-	(114,073)	(228,146)
Less: Use of Current Resources	(372,605)	(748,791)	(955,360)	(376,011)	(584,766)	(3,037,533)
Net Vehicle Replacement Program	**$ 578,745**	**$ 1,254,209**	**$ 1,485,567**	**$ 1,138,989**	**$ 641,161**	**$ 5,098,671**
Equipment Replacement Program by Department/Division						
Police Department	37,412	33,571	42,959	41,322	62,224	217,488
Finance Department - Information Technology Division	117,000	-	-	-	-	117,000
Net Equipment Replacement Program	**$ 154,412**	**$ 33,571**	**$ 42,959**	**$ 41,322**	**$ 62,224**	**$ 334,488**
Total Equipment and Vehicle Replacement Program	**$ 733,157**	**$ 1,287,780**	**$ 1,528,526**	**$ 1,180,311**	**$ 703,385**	**$ 5,433,159**

*Please note, "Other Departments/Divisions" include: (Planning and Development Department - Code Enforcement Division, Administrative Department - Management Division and Unicity Transportation Fund)

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
FIVE YEAR PROPOSED SUMMARY BY FUND - GOVERNMENTAL FUNDS (with current year amended budget)

	2021 BUDGET AS AMENDED	2022 RESERVES & OTHER FUNDING	2022 CURRENT FUNDING	PROPOSED BUDGETS 2022	2023	2024	2025	2026	TOTAL PROPOSED AMOUNTS
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	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
LAW ENFORCEMENT FUND:									
GROSS CAPITAL IMPROVEMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-	-
GRANTS	-	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PARKS SPECIAL REVENUE FUND:									
GROSS CAPITAL IMPROVEMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-	-
GRANTS	-	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CAPITAL PROJECTS FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 5,101,540	$ 6,465,016	$ 952,279	$ 7,417,295	$ 4,742,641	$ 4,564,224	$ 3,665,372	$ 3,643,089	$ 24,032,621
LESS: USE OF RESERVES	(483,640)	(382,971)	-	(382,971)	-	(6,400)	(1,532)	-	(390,903)
VEHICLE & EQUIPMENT REPLACEMENT	(547,665)	(330,361)	-	(330,361)	(1,008,774)	(1,118,792)	(742,207)	(580,196)	(3,780,330)
GRANTS	(2,659,160)	(612,016)	-	(612,016)	(712,916)	(660,600)	(659,000)	(585,000)	(3,229,532)
BOND ISSUES	(646,888)	(450,178)	-	(450,178)	-	-	-	-	(450,178)
AMERICAN RESCUE PLAN ACT	(103,478)	(4,539,490)	-	(4,539,490)	(350,000)	(400,000)	-	-	(5,289,490)
OTHER FINANCING SOURCES	(346,888)	(150,000)	-	(150,000)	(60,000)	(60,000)	(60,000)	(60,000)	(390,000)
NET CAPITAL IMPROVEMENTS	$ 313,821	$ -	$ 952,279	$ 952,279	$ 2,610,951	$ 2,318,432	$ 2,202,633	$ 2,417,893	$ 10,502,188

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE FUNDS (with current year amended budget)

	2021 BUDGET AS AMENDED	2022 RESERVES & OTHER FUNDING	2022 CURRENT FUNDING	PROPOSED BUDGETS 2022	2023	2024	2025	2026	TOTAL PROPOSED AMOUNTS
ELECTRIC UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 670,000	$ 1,718,212	$ 1,033,821	$ 2,752,033	$ 3,588,000	$ 17,325,000	$ 715,000	$ 265,000	$ 24,645,033
LESS: USE OF RESERVES	-	(1,220,683)	-	(1,220,683)	(2,000,000)	(1,100,000)	-	-	(4,320,683)
VEHICLE & EQUIPMENT REPLACEMENT	(11,281)	(377,529)	-	(377,529)	(194,312)	(56,576)	(372,620)	-	(1,001,037)
GRANTS	-	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-	-
AMERICAN RESCUE PLAN ACT	-	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	(120,000)	(120,000)	-	(120,000)	(120,000)	(14,720,000)	(120,000)	(120,000)	(15,200,000)
NET CAPITAL IMPROVEMENTS	$ 538,719	$ -	$ 1,033,821	$ 1,033,821	$ 1,273,688	$ 1,448,424	$ 222,380	$ 145,000	$ 4,123,313
WATER UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 4,635,019	$ 2,650,267	$ 318,733	$ 2,969,000	$ 4,029,000	$ 4,400,000	$ 2,185,000	$ 2,160,000	$ 15,743,000
LESS: USE OF RESERVES	(231,019)	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	(25,011)	(25,267)	-	(25,267)	(47,168)	(19,541)	(21,491)	(61,114)	(174,581)
GRANTS	(125,000)	-	-	-	(50,000)	-	-	-	(50,000)
BOND ISSUES	-	-	-	-	-	-	-	-	-
STATE REVOLVING LOAN	(3,800,000)	(1,925,000)	-	(1,925,000)	-	-	-	-	(1,925,000)
AMERICAN RESCUE PLAN ACT	-	(700,000)	-	(700,000)	(2,900,000)	(2,700,000)	-	-	(6,300,000)
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ 453,989	$ -	$ 318,733	$ 318,733	$ 1,031,832	$ 1,680,459	$ 2,163,509	$ 2,098,886	$ 7,293,419
SEWER UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 800,000	$ 1,800,000	$ 150,000	$ 1,950,000	$ 2,075,000	$ 2,400,000	$ 1,000,000	$ 1,000,000	$ 8,425,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	(234,160)	-	-	(234,160)
GRANTS	-	-	-	-	-	(50,000)	-	-	(50,000)
BOND ISSUES	-	-	-	-	-	-	-	-	-
STATE REVOLVING LOAN	(800,000)	(1,800,000)	-	(1,800,000)	-	-	-	-	(1,800,000)
AMERICAN RESCUE PLAN ACT	-	-	-	-	(2,000,000)	(2,000,000)	-	-	(4,000,000)
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ -	$ -	$ 150,000	$ 150,000	$ 75,000	$ 115,840	$ 1,000,000	$ 1,000,000	$ 2,340,840
STORMWATER UTILITY FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 2,221,104	$ 350,000	$ 575,000	$ 925,000	$ 945,000	$ 1,285,000	$ 725,000	$ 650,000	$ 4,530,000
LESS: USE OF RESERVES	(731,104)	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	(13,489)	-	-	-	(26,245)	(75,000)	(43,993)	-	(145,238)
GRANTS	-	(50,000)	-	(50,000)	-	-	-	-	(50,000)
BOND ISSUES	-	-	-	-	-	-	-	-	-
STATE REVOLVING LOAN	(1,407,000)	-	-	-	-	-	-	-	-
AMERICAN RESCUE PLAN ACT	-	(300,000)	-	(300,000)	(300,000)	(400,000)	-	-	(1,000,000)
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ 69,511	$ -	$ 575,000	$ 575,000	$ 618,755	$ 810,000	$ 681,007	$ 650,000	$ 3,334,762

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE AND OTHER FUNDS (with current year amended budget)

	2021 BUDGET AS AMENDED	2022 RESERVES & OTHER FUNDING	2022 CURRENT FUNDING	PROPOSED BUDGETS 2022	2023	2024	2025	2026	TOTAL PROPOSED AMOUNTS
PARKING FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 156,200	$ -	$ -	$ -	$ 30,000	$ 40,000	$ -	$ 60,000	$ 130,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	(32,459)	-	-	-	(11,281)	(24,457)	-	(26,687)	(62,425)
GRANTS	-	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-	-
AMERICAN RESCUE PLAN ACT	-	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ 123,741	$ -	$ -	$ -	$ 18,719	$ 15,543	$ -	$ 33,313	$ 67,575
MAINTENANCE FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 9,499,295	$ 440,654	$ -	$ 440,654	$ 540,000	$ 25,000	$ -	$ 60,000	$ 1,065,654
LESS: USE OF RESERVES	-	-	-	-	(7,640)	-	-	-	(7,640)
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	(35,388)	(35,388)
GRANTS	(1,033,330)	(21,000)	-	(21,000)	(30,000)	-	-	-	(51,000)
BOND ISSUES	-	-	-	-	(56,000)	-	-	-	(56,000)
AMERICAN RESCUE PLAN ACT	-	(295,000)	-	(295,000)	(40,000)	-	-	-	(335,000)
OTHER FINANCING SOURCES	(8,455,965)	(124,654)	-	(124,654)	-	-	-	-	(124,654)
NET CAPITAL IMPROVEMENTS	$ 10,000	$ -	$ -	$ -	$ 406,360	$ 25,000	$ -	$ 24,612	$ 455,972
TRANSPORTATION FUND:									
GROSS CAPITAL IMPROVEMENTS	$ 130,000	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ 175,000	$ 325,000
LESS: USE OF RESERVES	(15,927)	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-	-
GRANTS	(114,073)	-	-	-	-	(114,073)	-	(114,073)	(228,146)
BOND ISSUES	-	-	-	-	-	-	-	-	-
AMERICAN RESCUE PLAN ACT	-	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ -	$ -	$ -	$ -	$ -	$ 35,927	$ -	$ 60,927	$ 96,854

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

GROSS CAPITAL IMPROVEMENTS	$ 23,238,158	$ 13,449,149	$ 3,029,833	$ 16,478,982	$ 15,974,641	$ 30,214,224	$ 8,315,372	$ 8,038,089	$ 79,021,308
LESS: USE OF RESERVES	(1,461,690)	(1,603,654)	-	(1,603,654)	(2,007,640)	(1,106,400)	(1,532)	-	(4,719,226)
VEHICLE & EQUIPMENT REPLACEMENT	(629,905)	(733,157)	-	(733,157)	(1,287,780)	(1,528,526)	(1,180,311)	(703,385)	(5,433,159)
GRANTS	(3,956,563)	(708,016)	-	(708,016)	(817,916)	(849,673)	(684,000)	(724,073)	(3,783,678)
BOND ISSUES	(646,888)	(450,178)	-	(450,178)	(56,000)	-	-	-	(506,178)
STATE REVOLVING LOAN	(6,007,000)	(3,725,000)	-	(3,725,000)	-	-	-	-	(3,725,000)
AMERICAN RESCUE PLAN ACT	(103,478)	(5,834,490)	-	(5,834,490)	(5,590,000)	(5,500,000)	-	-	(16,924,490)
OTHER FINANCING SOURCES	(8,922,853)	(394,654)	-	(394,654)	(180,000)	(14,780,000)	(180,000)	(180,000)	(15,714,654)
NET CAPITAL IMPROVEMENTS	$ 1,509,781	$ -	$ 3,029,833	$ 3,029,833	$ 6,035,305	$ 6,449,625	$ 6,269,529	$ 6,430,631	$ 28,214,923

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY BY FUNCTION
FOR THE FISCAL YEAR 2022

TOTAL PROJECT COSTS

F U N D I N G S U M M A R Y

	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	Total 2022
New Funding:	$ 25,000	$ -	$ 7,034,324	$ 1,531,350	$ 2,969,000	$ 1,750,000	$ 925,000	$ -	$ 416,000	$ -	$ 14,650,674
***Prior Authorized Balance:**	$ -	$ -	$ 382,971	$ 1,220,683	$ -	$ 200,000	$ -	$ -	$ 24,654	$ -	$ 1,828,308
2022 Funding:	**$ 25,000**	**$ -**	**$ 7,417,295**	**$ 2,752,033**	**$ 2,969,000**	**$ 1,950,000**	**$ 925,000**	**$ -**	**$ 440,654**	**$ -**	**$ 16,478,982**

*Prior Authorized Balance includes 2021 carryover funding only.

FUNCTION - DEPARTMENT/DIVISION	COMMUNITY DEVELOPMENT FUND	LAW ENFORCEMENT 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 - ADMINISTRATIVE DEPARTMENT	-	-	-	-	-	-	-	-	-	-	-
GENERAL GOV'T - INFORMATION TECHNOLOGY DIVISION	-	-	2,137,155	-	-	-	-	-	-	-	2,137,155
GENERAL GOV'T - LEGISLATIVE DEPARTMENT	-	-	-	-	-	-	-	-	-	-	-
PUBLIC SAFETY - CODE ENFORCEMENT DIVISION	-	-	644,335	-	-	-	-	-	-	-	644,335
PUBLIC SAFETY - POLICE DEPARTMENT	-	-	252,640	-	-	-	-	-	-	-	252,640
PUBLIC WORKS - REFUSE DIVISION	-	-	20,000	-	-	-	-	-	-	-	20,000
PUBLIC WORKS - STREET DIVISION	25,000	-	2,269,890	-	-	-	-	-	-	-	2,294,890
PUBLIC WORKS - ENGINEERING DIVISION	-	-	25,000	-	-	-	-	-	-	-	25,000
CULTURE & RECREATION - PARKS DEPARTMENT	-	-	2,068,275	-	-	-	-	-	-	-	2,068,275
ELECTRIC FUND	-	-	-	2,752,033	-	-	-	-	-	-	2,752,033
WATER FUND	-	-	-	-	2,969,000	-	-	-	-	-	2,969,000
SEWER FUND	-	-	-	-	-	1,950,000	-	-	-	-	1,950,000
STORMWATER FUND	-	-	-	-	-	-	925,000	-	-	-	925,000
PARKING FUND	-	-	-	-	-	-	-	-	-	-	-
MAINTENANCE FUND - FLEET MAINTENANCE DIVISION	-	-	-	-	-	-	-	-	-	-	-
MAINTENANCE FUND - FACILITIES MAINTENANCE DIVISION	-	-	-	-	-	-	-	-	440,654	-	440,654
TRANSPORTATION FUND - UNICITY DIVISION	-	-	-	-	-	-	-	-	-	-	-
	$ 25,000	**$ -**	**$ 7,417,295**	**$ 2,752,033**	**$ 2,969,000**	**$ 1,950,000**	**$ 925,000**	**$ -**	**$ 440,654**	**$ -**	**$ 16,478,982**

PLANNED FINANCING SOURCES											
GROSS CAPITAL IMPROVEMENTS	$ 25,000	$ -	$ 7,417,295	$ 2,752,033	$ 2,969,000	$ 1,950,000	$ 925,000	$ -	$ 440,654	$ -	$ 16,478,982
LESS: USE OF RESERVES	-	-	(382,971)	(1,220,683)	-	-	-	-	-	-	(1,603,654)
VEHICLE & EQUIPMENT REPLACEMENT	-	-	(330,361)	(377,529)	(25,267)	-	-	-	-	-	(733,157)
GRANTS	(25,000)	-	(612,016)	-	-	-	(50,000)	-	(21,000)	-	(708,016)
BOND ISSUES	-	-	(450,178)	-	-	-	-	-	-	-	(450,178)
STATE REVOLVING LOAN	-	-	-	-	(1,925,000)	(1,800,000)	-	-	-	-	(3,725,000)
AMERICAN RESCUE PLAN ACT	-	-	(4,539,490)	-	(700,000)	-	(300,000)	-	(295,000)	-	(5,834,490)
OTHER FINANCING SOURCES	-	-	(150,000)	(120,000)	-	-	-	-	(124,654)	-	(394,654)
NET CAPITAL IMPROVEMENTS	$ -	$ -	$ 952,279	$ 1,033,821	$ 318,733	$ 150,000	$ 575,000	$ -	$ -	$ -	$ 3,029,833

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

ELECTRIC FUND - ELECTRIC DEPARTMENT

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 1,531,350	$ 1,588,000	$ 16,225,000	$ 715,000	$ 265,000	$ 20,324,350
*Prior Authorized Balance:	$ 1,220,683	$ 2,000,000	$ 1,100,000	$ -	$ -	$ 4,320,683
2022-2026 Funding:	**$ 2,752,033**	**$ 3,588,000**	**$ 17,325,000**	**$ 715,000**	**$ 265,000**	**$ 24,645,033**

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
E2201	New Lines and Services	D	$ 135,000	$ -	$ 140,000	$ 140,000	$ 145,000	$ 145,000	$ 145,000	$ 145,000	$ 720,000
E2202	Electric Warehouse	D	-	-	-	-	80,000	800,000	-	-	880,000
E2204	Vehicle #110 - 3-Wheel Wire Trailer Replacement	D	-	-	130,000	130,000	-	-	-	-	130,000
E2205	Fleet addition: #117 - Small Trencher	D	-	-	50,000	50,000	-	-	-	-	50,000
E2206	Secondary Cable Replacement/ Rejuvenate at Villa Belmont	D	-	-	125,000	125,000	-	-	-	-	125,000
E2002	New Substation	B	200,000	440,000	-	440,000	2,000,000	15,700,000	-	-	18,140,000
E1911	35kV Line 3402 Capacity Upgrade	D	-	-	-	-	300,000	300,000	-	-	600,000
E1912	35kV Disconnect Switches Replacement - Kershaw Substation	D	-	-	160,000	160,000	160,000	160,000	-	-	480,000
E1805	Line Extension Across UD Farm	D	-	320,000	50,000	370,000	-	-	-	-	370,000
E1806	Christianstead Underground Primary Cable Addition	D	60,000	-	-	-	-	-	-	-	-
E1807	Relay Replacements - Kershaw Substation	D	50,000	-	50,000	50,000	50,000	-	-	-	100,000
E1808	Voltage Upgrade - North College Avenue	D	75,000	-	-	-	-	-	-	-	-
E1810	Lightning Arrestor Replacement	D	-	-	-	-	235,000	-	-	-	235,000
E1602	Circuit Breaker Replacement	D	-	-	-	-	-	-	-	-	-
E1502	Underground Distribution - UD Star Campus	D	120,000	120,000	-	120,000	120,000	120,000	120,000	120,000	600,000
E1203	CAD Software	D	-	-	-	-	-	-	-	-	-
E1105	Upgrade Substation Transformers and Breakers	D	-	-	-	-	-	-	-	-	-
E0503	SCADA and Automatic Switching	D	-	460,683	-	460,683	225,000	-	-	-	685,683
EEQSF	Equipment Replacement Program	D	30,000	377,529	328,821	706,350	273,000	100,000	450,000	-	1,529,350
Total Electric Fund - Electric Department			**$ 670,000**	**$ 1,718,212**	**$ 1,033,821**	**$ 2,752,033**	**$ 3,588,000**	**$ 17,325,000**	**$ 715,000**	**$ 265,000**	**$ 24,645,033**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 670,000	$ 1,718,212	$ 1,033,821	$ 2,752,033	$ 3,588,000	$ 17,325,000	$ 715,000	$ 265,000	$ 24,645,033
	LESS: USE OF RESERVES		-	(1,220,683)	-	(1,220,683)	(2,000,000)	(1,100,000)	-	-	(4,320,683)
	VEHICLE & EQUIPMENT REPLACEMENT		(11,281)	(377,529)	-	(377,529)	(194,312)	(56,576)	(372,620)	-	(1,001,037)
	GRANTS		-	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	-	-	-	-	-	-	-	-
	OTHER FINANCING SOURCES		(120,000)	(120,000)	-	(120,000)	(120,000)	(14,720,000)	(120,000)	(120,000)	(15,200,000)
	NET CAPITAL IMPROVEMENTS		$ 538,719	$ -	$ 1,033,821	$ 1,033,821	$ 1,273,688	$ 1,448,424	$ 222,380	$ 145,000	$ 4,123,313

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

PROJECT NO: E2201

PROJECT TITLE: New Lines and Services

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 140,000	$ 145,000	$ 145,000	$ 145,000	$ 145,000	$ 720,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 140,000**	**$ 145,000**	**$ 145,000**	**$ 145,000**	**$ 145,000**	**$ 720,000**

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:	$ 855,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 135,000
% Complete (if underway):	15.8%
Balance to be funded[1]:	$ 720,000

[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	$ 388,800
Materials:	5195106.9760	$ 331,200
Other Contracts:		$ -
TOTAL PROJECT COST		$ 720,000

[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:

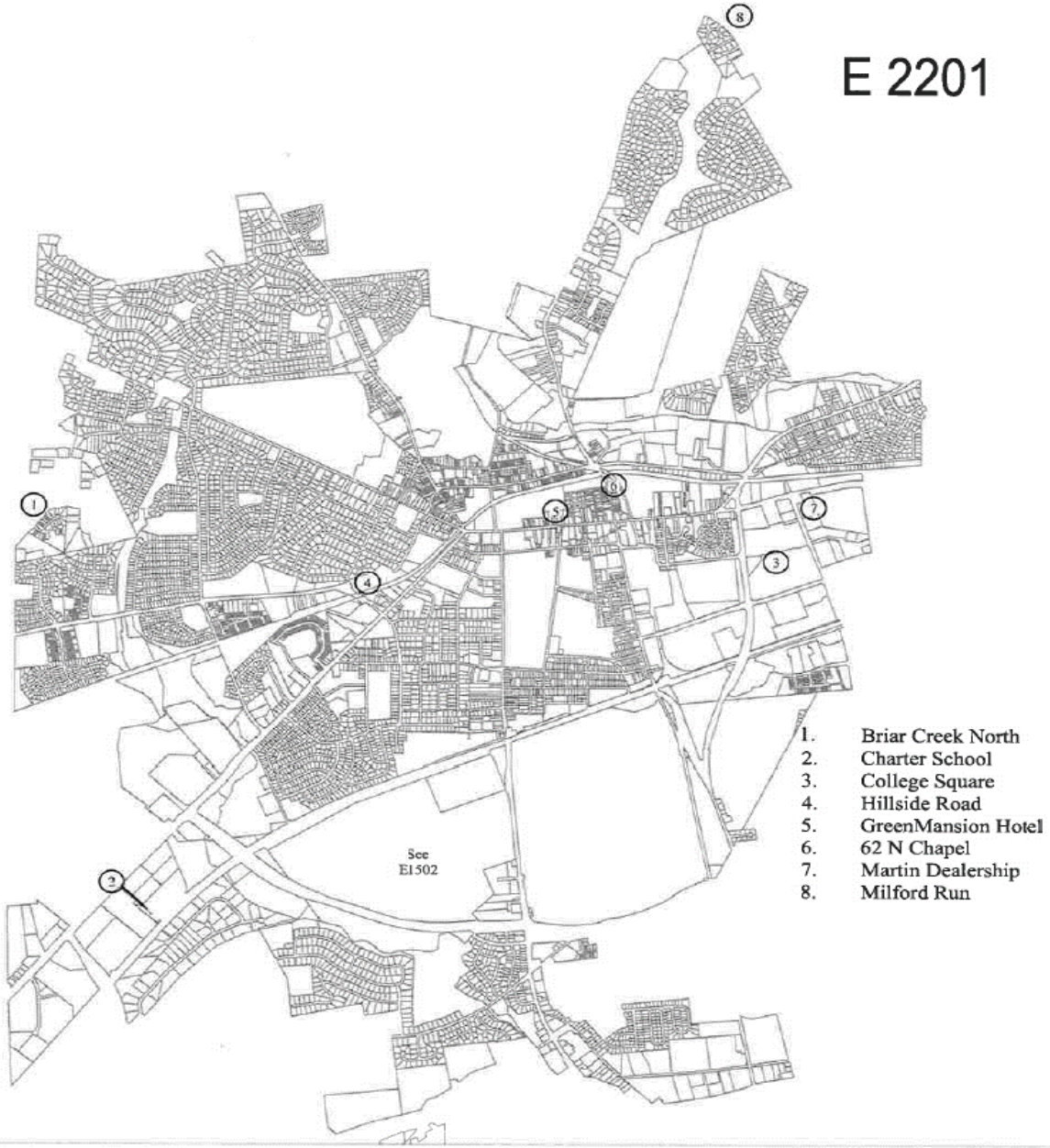
Installation of electric distribution lines in new developments. This includes both overhead and underground primary and secondary service lines. This project is required based on the obligation to serve new customers in the City.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	135,000	-	135,000	$ -	140,000	145,000	145,000	145,000	145,000	$ 720,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 135,000**	**$ -**	**$ 135,000**	**$ -**	**$ 140,000**	**$ 145,000**	**$ 145,000**	**$ 145,000**	**$ 145,000**	**$ 720,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E2201: New Lines and Services
Supporting Documentation - Page 1



PROJECT NO: E2202

PROJECT TITLE: Electric Warehouse

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 80,000	$ 800,000	$ -	$ -	$ 880,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 80,000**	**$ 800,000**	**$ -**	**$ -**	**$ 880,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
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:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2024
Est. Useful Life (in years):	20
Est. Total Cost:	$ 880,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 880,000

[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:	5195106.9960	$ 880,000
TOTAL PROJECT COST		$ 880,000

[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 Building #2 is running out of space. The lack of storage space is leading to an unorganized, overcrowded situation. Due to the limited space inside the building, we have to keep the expensive pad mounted switches, transformers and wires outside. Keeping these expensive equipment outside in extreme weather conditions can cause damage to the equipment. This CIP project will allow us to expand the existing warehouse. This will be a two phase project.

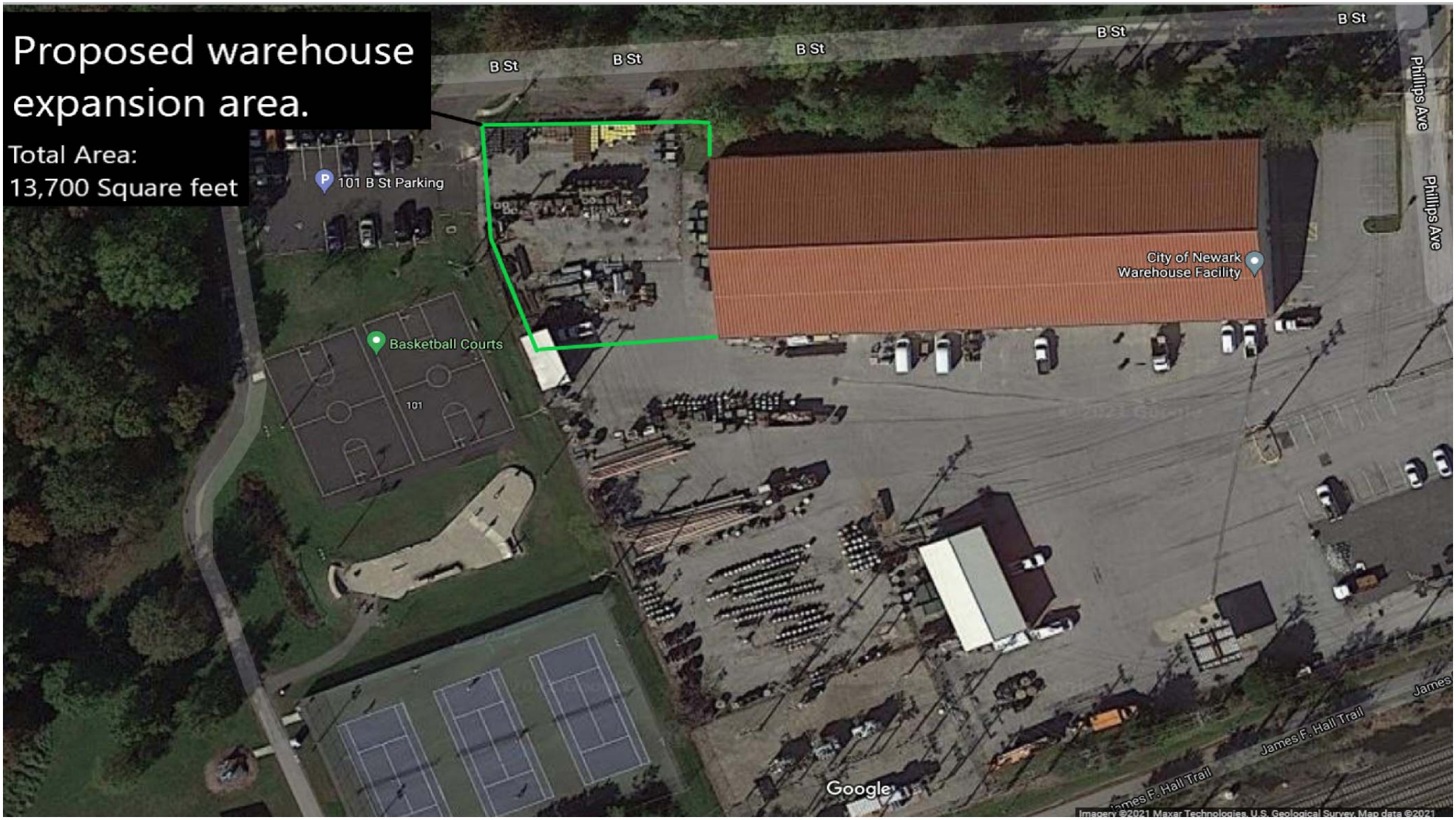
Phase 1: Design Services for Construction of Building #2 Expansion (2023) - Estimate $80,000
Phase 2: Construction of Building #2 Expansion on (2024) - $800,000

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	80,000	800,000	-	-	$ 880,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**	**$ 800,000**	**$ -**	**$ -**	**$ 880,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E2202: Electric Warehouse
Supporting Documentation - Page 1



PROJECT NO: E2204

PROJECT TITLE: Vehicle #110 - 3-Wheel Wire Trailer Replacement

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 130,000	$ -	$ -	$ -	$ -	$ 130,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 130,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 130,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	30
Est. Total Cost:	$ 130,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 130,000

[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:	5195106.9960	$ 130,000
TOTAL PROJECT COST		$ 130,000

[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's Electric Department has a 1984 wire trailer. The trailer was built in-house and is used to carry wire/cable reels during the wire/cable installation. This Trailer has reached the end of its life cycle. The steel frame is rusted and broken, and It has become a safety issue.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	130,000	-	-	-	-	$ 130,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 130,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 130,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E2204: Vehicle #110 - 3-Wheel Wire Trailer Replacement
Supporting Documentation - Page 1 of 3



E2204: Vehicle #110 - 3-Wheel Wire Trailer Replacement
Supporting Documentation - Page 2 of 3



E2204: Vehicle #110 - 3-Wheel Wire Trailer Replacement
Supporting Documentation - Page 3 of 3



PROJECT NO: E2205

PROJECT TITLE: Fleet addition: #117 - Small Trencher

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 50,000	$ -	$ -	$ -	$ -	$ 50,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	30
Est. Total Cost:	$ 50,000
Est. Spend @ 12/31/2021 (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:	5195106.9960	$ 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 City's Electric Department needs a mini trencher. The trencher will be used to dig a trench during an emergency to fix a bad underground cable. Currently, we have to rely on the contractor, and sometimes they are not available when we need them, especially during the off-hours. If the contractor is not available during the off-hours, we have to leave the live wire in the customer's yard to bring the power back, which is always a hazard. Getting our own trencher will help complete the emergency work on time, and we don't have to rely on the contractor. In addition, it will help us with our regular work, such as fixing a bad underground street light cable and running new underground cable lines.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	50,000	-	-	-	-	$ 50,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: E2206

PROJECT TITLE: Secondary Cable Replacement/ Rejuvenate at Villa Belmont

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 125,000	$ -	$ -	$ -	$ -	$ 125,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 125,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 125,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Villa Belmont Condominiums
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	45
Est. Total Cost:	$ 125,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
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:	5195106.9960	$ 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:

Villa Belmont was built in 1968. The City owns the underground wiring to the transformers and the buildings. Over the years, a lot of the wiring has failed and been repaired with new pieces and splices. There is proven technology that uses a gel injected into old cables that rejuvenates them to a like new state. This project would take as many of the old cables as possible and restore them to avoid the repeated electrical outages. Some of the cables are direct buried under the slabs and foundations of the buildings which would make them problematic to fix. The only alternative to the injection technology is to open cut and or bore in cables, which would be inconvenient to the residents and would be just as costly.

***Please be advised that this project was added following the 8/30/2021 City-wide budget overview presented to Council.**

PROJECT FINANCING BY PLAN YEAR

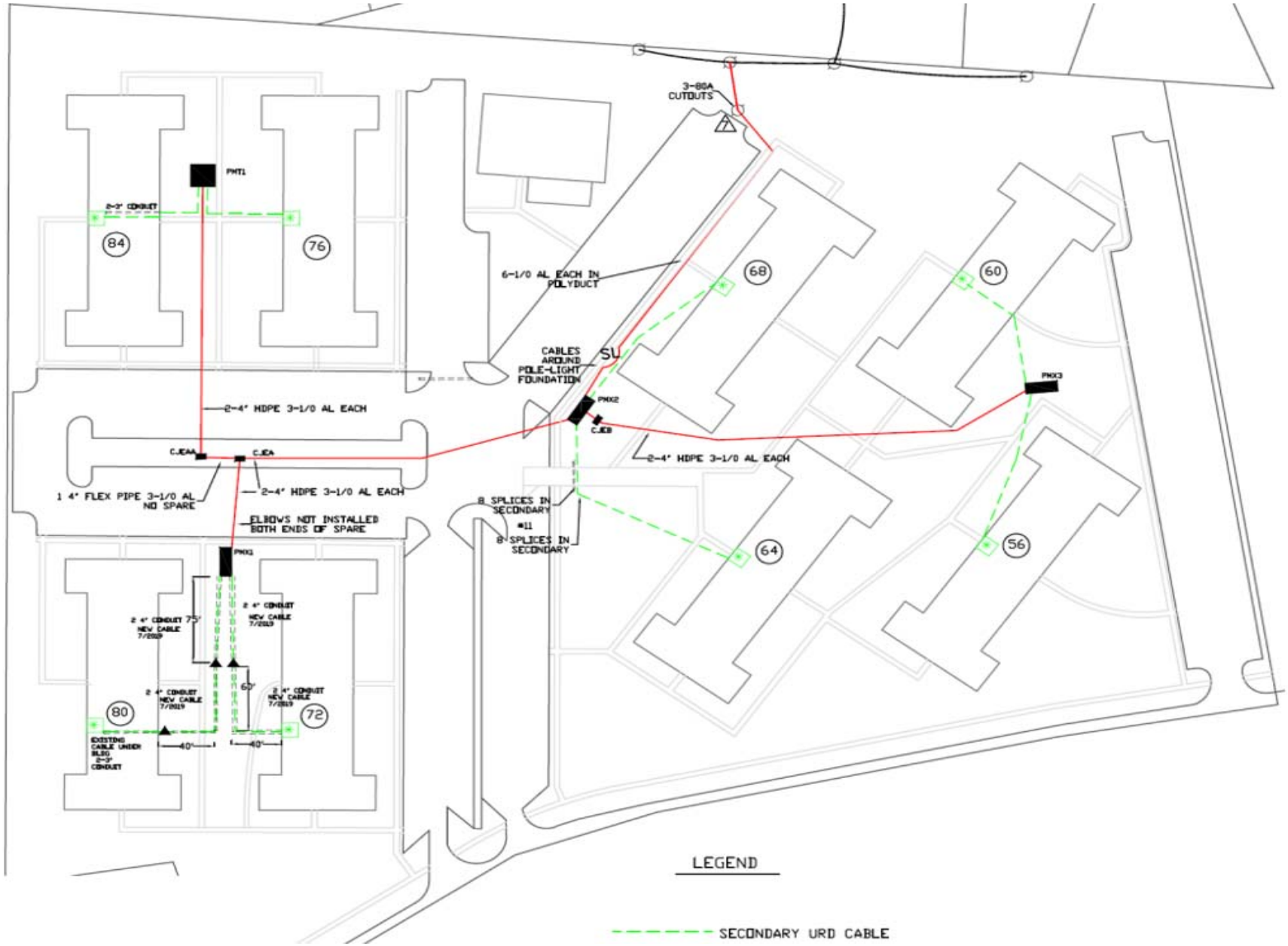
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	125,000	-	-	-	-	$ 125,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 125,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 125,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E2206: Secondary Cable Replacement/ Rejuvenate at Villa Belmont
Supporting Documentation - Page 1 of 2



E2206: Secondary Cable Replacement/ Rejuvenate at Villa Belmont
Supporting Documentation - Page 2 of 2



PROJECT NO: E2002

PROJECT TITLE: New Substation

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 14,600,000	$ -	$ -	$ 14,600,000
*Prior Authorized Balance:	$ 440,000	$ 2,000,000	$ 1,100,000	$ -	$ -	$ 3,540,000
2022-2026 Funding:	**$ 440,000**	**$ 2,000,000**	**$ 15,700,000**	**$ -**	**$ -**	**$ 18,140,000**

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:	2020
Est. Completion Date:	2024
Est. Useful Life (in years):	50
Est. Total Cost:	$ 18,200,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 60,000
% Complete (if underway):	0.3%
Balance to be funded[1]:	$ 18,140,000

[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:	5195106.9730	$ 18,140,000
TOTAL PROJECT COST		$ 18,140,000

[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 City Electric Department recently completed an electric system analysis of the distribution system to determine its current electric system strengths and weaknesses. To perform this analysis, the City utilized Sargent & Lundy's (S&L) services. Considering projected 2030 future system loading plus EV adoption, there is 37.5% loading margin that remains when two of the three 112 MVA rated Kershaw Station transformers, T3, T4 and T5, supply the entire distribution system. As T4 and T5 are fed from the same 138 kV DPL ring bus section, the potential for a single transformer feeding the distribution system is possible. If a single transformer (T3) feeds the entire distribution system, there is an overload of approximately 25.3%. Therefore, S&L recommends that the City consider constructing an additional 138/34.5kV station prior to 2026, in order to provide additional margin and to increase system reliability, especially considering the planned expansion of STAR Campus, as well as the increased adoption of EVs.

***Please be that the carryover reserves of $3,540,000 currently budgeted are reserved for the actual construction of the substation. Any use of reserves prior to these funds comes from capital reserves.**

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	200,000	-	-	$ 200,000	-	-	-	-	-	$ -
CAPITAL RESERVES	3,400,000	60,000	-	$ 3,340,000	440,000	2,000,000	1,100,000	-	-	$ 3,540,000
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER DEMEC	-	-	-	$ -	-	-	14,600,000	-	-	$ 14,600,000
TOTAL:	**$ 3,600,000**	**$ 60,000**	**$ -**	**$ 3,540,000**	**$ 440,000**	**$ 2,000,000**	**$ 15,700,000**	**$ -**	**$ -**	**$ 18,140,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E2002: New Substation
Supporting Documentation - Page 1



PROJECT NO: E1911

PROJECT TITLE: 35kV Line 3402 Capacity Upgrade

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 300,000	$ 300,000	$ -	$ -	$ 600,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 300,000**	**$ 300,000**	**$ -**	**$ -**	**$ 600,000**

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:	2024
Est. Useful Life (in years):	30
Est. Total Cost:	$ 600,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[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:	5195106.9860	$ 200,000
Materials:	5195106.9760	$ 400,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 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:

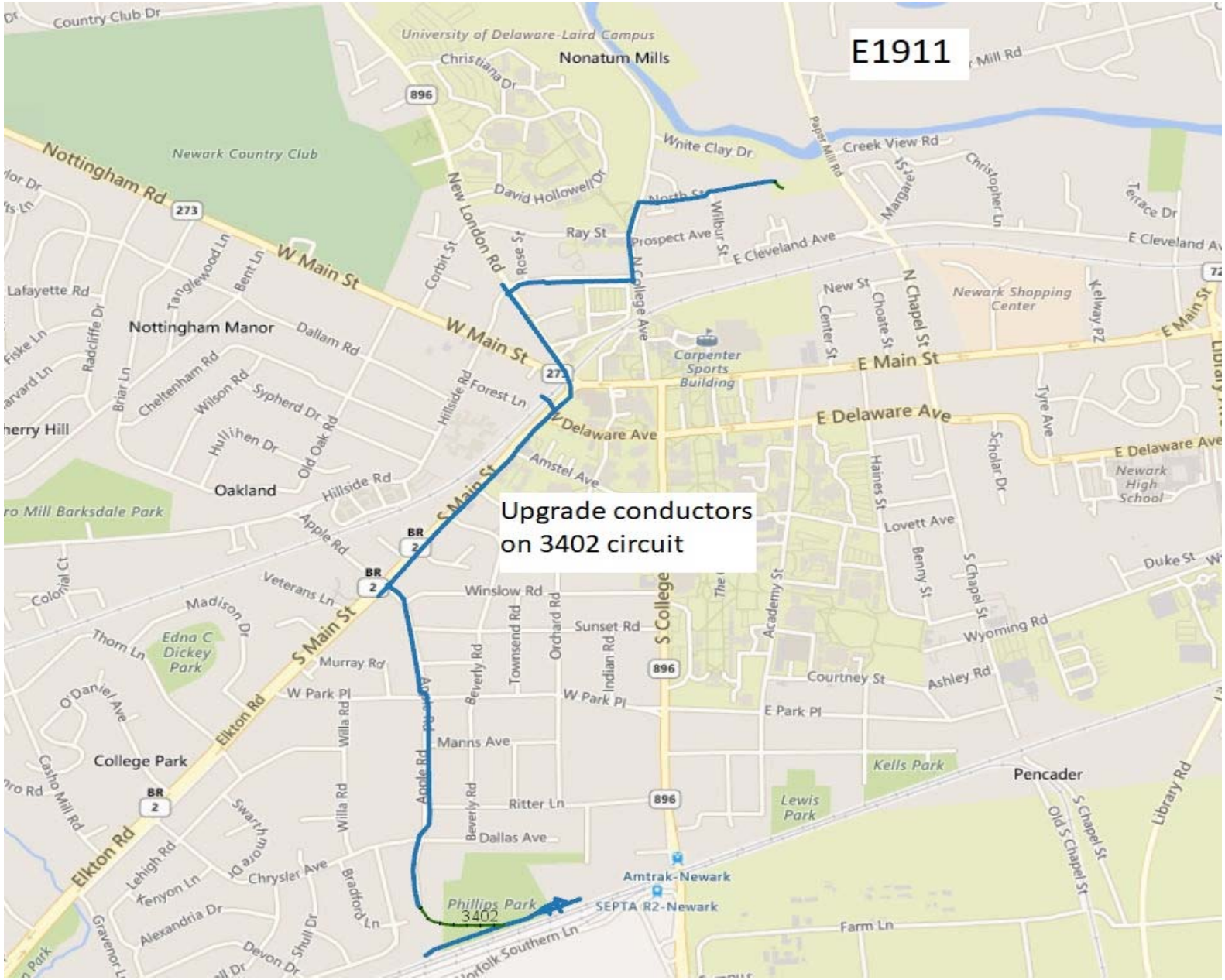
This project will upgrade the 34,000 volt aerial and underground cable to increase capacity and reliable back-up capacity to the Phillips substation, Chestnut Hill substation, Sandy Brae substation and West Main substation. This upgrade will also allow us to tie this feeder to the new substation in the future if needed.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	300,000	300,000	-	-	$ 600,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ 300,000**	**$ -**	**$ -**	**$ 600,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E1911: 35kV Line 3402 Capacity Upgrade
Supporting Documentation - Page 1



PROJECT NO: E1912

PROJECT TITLE: 35kV Disconnect Switches Replacement - Kershaw Substation

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 160,000	$ 160,000	$ 160,000	$ -	$ -	$ 480,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 160,000**	**$ 160,000**	**$ 160,000**	**$ -**	**$ -**	**$ 480,000**

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:	2024
Est. Useful Life (in years):	20
Est. Total Cost:	$ 480,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
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:	5195106.9830	$ 150,000
Materials:	5195106.9730	$ 330,000
Other Contracts:		$ -
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:

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

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	160,000	160,000	160,000	-	-	$ 480,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 160,000**	**$ 160,000**	**$ 160,000**	**$ -**	**$ -**	**$ 480,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: E1805

PROJECT TITLE: Line Extension Across UD Farm

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 50,000	$ -	$ -	$ -	$ -	$ 50,000
*Prior Authorized Balance:	$ 320,000	$ -	$ -	$ -	$ -	$ 320,000
2022-2026 Funding:	**$ 370,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 370,000**

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:	2022
Est. Useful Life (in years):	30
Est. Total Cost:	$ 370,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 370,000

[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	$ 160,000
Other Contracts:	5195106.9960	$ 50,000
TOTAL PROJECT COST		$ 370,000

[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:

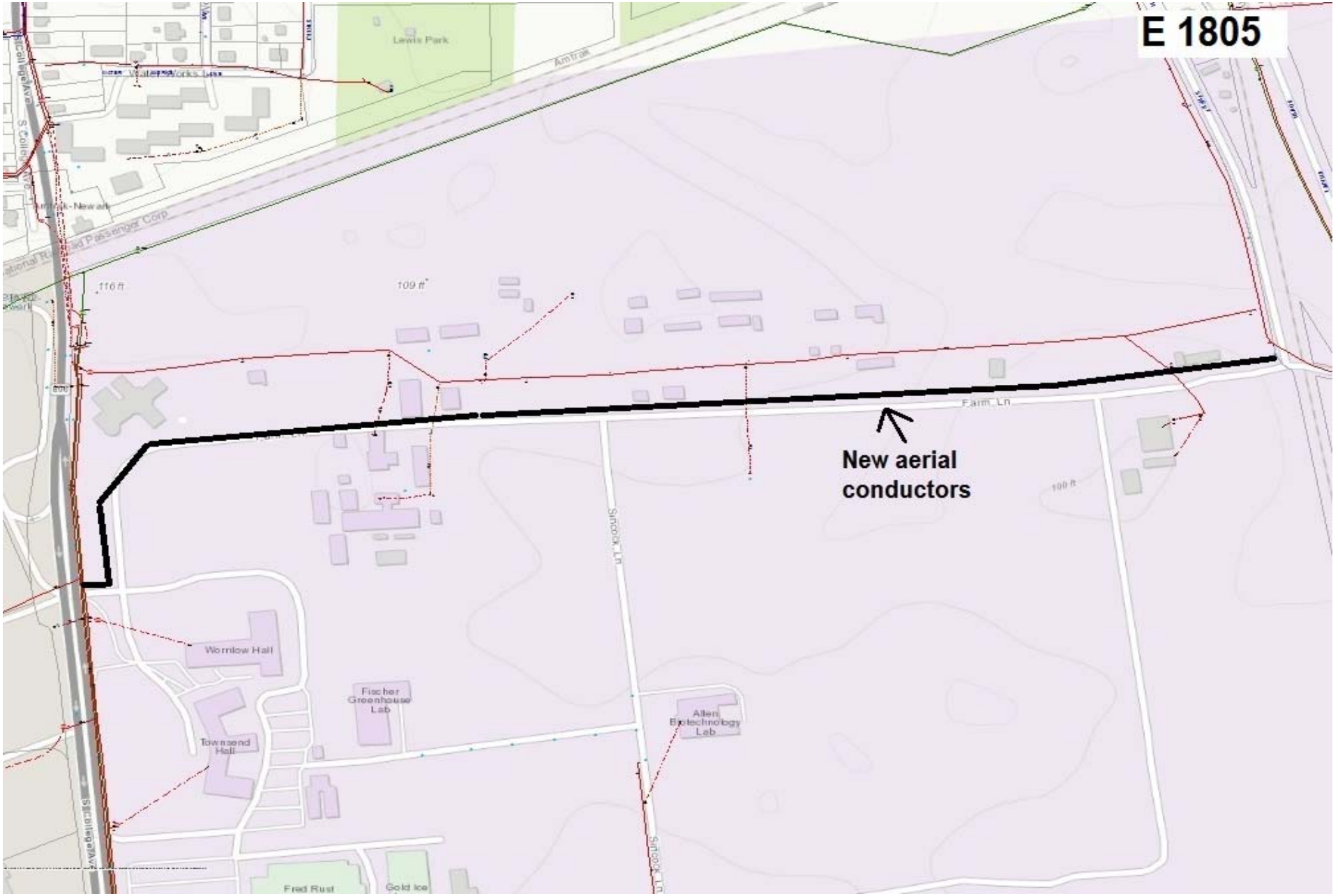
A new 12,470 volt circuit will be constructed from Old South Chapel Street to South College Avenue through the University of Delaware Farm. This project will increase the capacity and reliable back-up capacity to the Star Campus, the University of Delaware South Campus and City customers on South College Avenue. 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	50,000	-	-	-	-	$ 50,000
CAPITAL RESERVES	320,000	-	-	$ 320,000	320,000	-	-	-	-	$ 320,000
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 320,000**	**$ -**	**$ -**	**$ 320,000**	**$ 370,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 370,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E1805: Line Extension - UD Farm
Supporting Documentation - Page 1



PROJECT NO: E1806

PROJECT TITLE: Christianstead Underground Primary Cable Addition

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	30
Est. Total Cost:	$ 60,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 60,000
% 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:

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	60,000	-	60,000	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 60,000**	**$ -**	**$ 60,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E1806: Christianstead Underground Primary Cable Addition
Supporting Documentation - Page 1



PROJECT NO: E1807

PROJECT TITLE: Relay Replacements - Kershaw Substation

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 50,000	$ 50,000	$ -	$ -	$ -	$ 100,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 50,000**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Kershaw Substation
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:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 200,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 100,000
% Complete (if underway):	50.0%
Balance to be funded[1]:	$ 100,000

[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	$ 35,000
Materials:	5195106.9730	$ 65,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 100,000

[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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	50,000	-	50,000	$ -	50,000	50,000	-	-	-	$ 100,000
CAPITAL RESERVES	50,000	-	50,000	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 100,000**	**$ -**	**$ 100,000**	**$ -**	**$ 50,000**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: E1808

PROJECT TITLE: Voltage Upgrade - North College Avenue

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	30
Est. Total Cost:	$ 75,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 75,000
% 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:

Replace poles on North College Avenue and install a primary metering pole in preparation for a 4,160 volt to 12,470 volt upgrade of University buildings (Willard Hall, McDowell Hall, Taylor Hall, and University Delaware Museums) on North College Avenue. Currently, we still have 1,234 KVA of 4,160 volt load. This voltage upgrade will reduce this load to 792 KVA.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	25,000	-	25,000	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	50,000	-	50,000	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 75,000	$ -	$ 75,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: E1810

PROJECT TITLE: Lightning Arrestor Replacement

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 235,000	$ -	$ -	$ -	$ 235,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 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 @ 12/31/2021 (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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	235,000	-	-	-	$ 235,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 235,000**	**$ -**	**$ -**	**$ -**	**$ 235,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: E1602

PROJECT TITLE: Circuit Breaker Replacement

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	30
Est. Total Cost:	$ 70,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 70,000
% 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:

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	70,000	37,132	32,868	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 70,000**	**$ 37,132**	**$ 32,868**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: E1502

PROJECT TITLE: Underground Distribution - UD Star Campus

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 600,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 120,000**	**$ 120,000**	**$ 120,000**	**$ 120,000**	**$ 120,000**	**$ 600,000**

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:	2026
Est. Useful Life (in years):	30
Est. Total Cost:	$ 840,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 240,000
% Complete (if underway):	0.0%
Balance to be funded[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:	5195106.9760	$ 600,000
TOTAL PROJECT COST		$ 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:

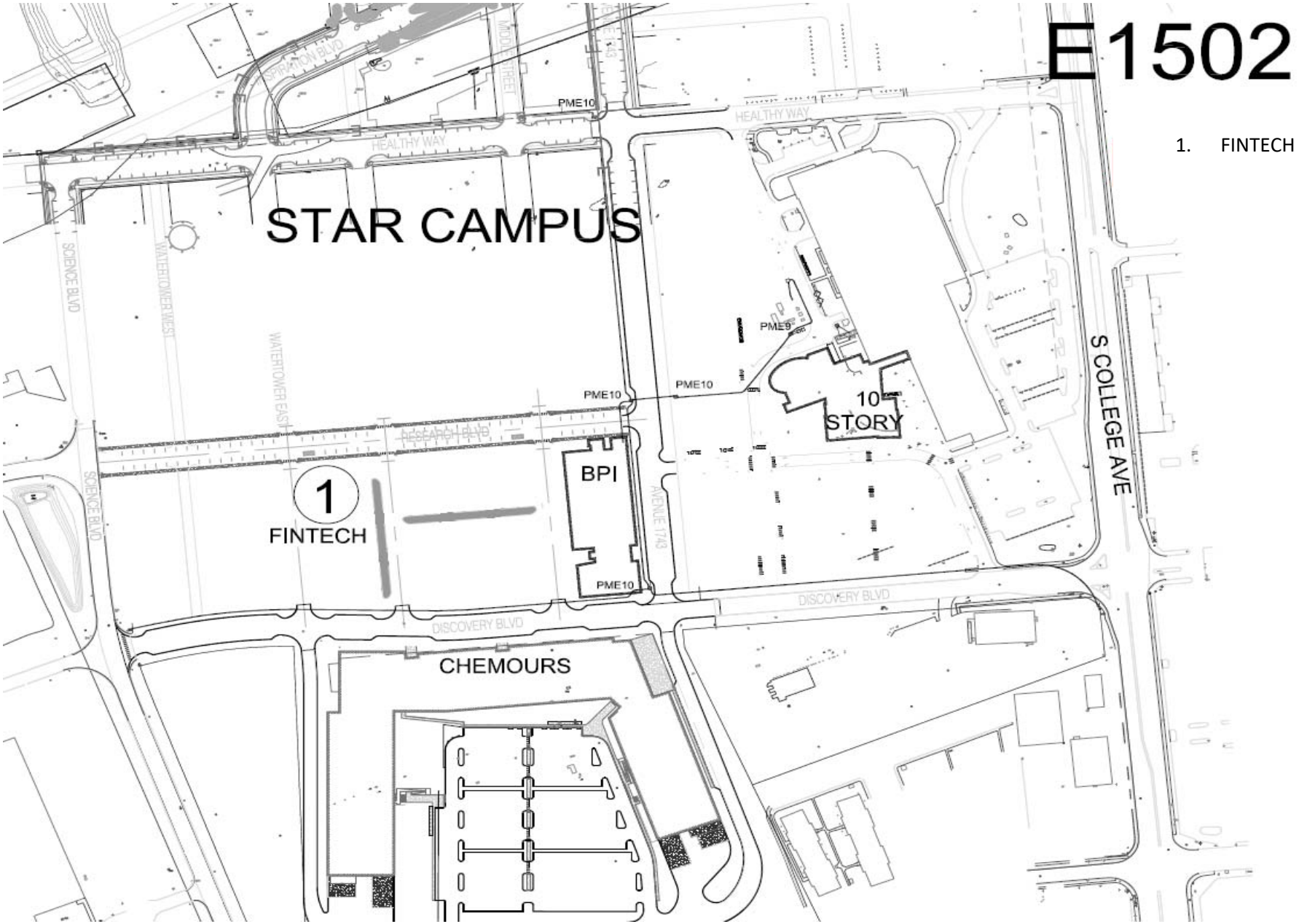
Underground electrical distribution equipment is needed for the Star Campus. Expenditures to be reimbursed by the Developer or Customer.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER Developer or Customer	120,000	-	120,000	$ -	120,000	120,000	120,000	120,000	120,000	$ 600,000
TOTAL:	**$ 120,000**	**$ -**	**$ 120,000**	**$ -**	**$ 120,000**	**$ 120,000**	**$ 120,000**	**$ 120,000**	**$ 120,000**	**$ 600,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

E1502: Underground Distribution - UD Star Campus
Supporting Documentation - Page 1



1. FINTECH

PROJECT NO: E1203

PROJECT TITLE: CAD Software

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	15
Est. Total Cost:	$ 40,444
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 40,444
% 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:

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	40,444	-	40,444	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 40,444	$ -	$ 40,444	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: E1105

PROJECT TITLE: Upgrade Substation Transformers and Breakers

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2011
Est. Completion Date:	2021
Est. Useful Life (in years):	30
Est. Total Cost:	$ 3,499,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 3,499,000
% 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:

Due to the load increase on Cleveland Avenue, which consumed most of the City's back-up capacity between West Main Street Substation transformer 76 and East Main Street Substation transformer 80, a new substation transformer is required at the West Main Street Substation. This will allow the load to be split on circuit 80-1 which feeds Cleveland Avenue at Paper Mill Road. Approximately 1000kW of 4kV load will be upgraded to 12.47kV on West Main Street and in Nottingham Green.

In order to meet upcoming load increases on the Star Campus and reinforce the distribution system by providing back-up power, a new substation transformer is required at the Chestnut Hill Road substation. A new line extension from the substation to South College Avenue will also be built. The new transformer will back-up Chestnut Hill Road feeders 74-1 and 74-2, Phillips 7 and Phillips 86-2.

Also includes (previous CIP E1803) - South Chapel Transformer Replacement:
- Transformer 11 at South Chapel Street Substation is a 2500/3500kVA transformer installed in 1969. Recent electrical tests and oil testing has shown the transformer is at its end of life. The unit is a back-up to South Chapel 13 (5000kVA) which has a 3100kVA load on it. Unit 11 is close to not being able to back-up 13 in an emergency. It is proposed to replace unit 11 with a 10,000kVA transformer. This new transformer will back-up transformer 13 at South Chapel Substation, unit 74 at Chestnut Hill Road substation and unit 82 at Wyoming Road Substation. Unit 11 is a sister unit of West Main unit 41 which has failed 3 times in its lifetime.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	20,372	-	20,372	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 20,372	$ -	$ 20,372	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: E0503

PROJECT TITLE: SCADA and Automatic Switching

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 225,000	$ -	$ -	$ -	$ 225,000
*Prior Authorized Balance:	$ 460,683	$ -	$ -	$ -	$ -	$ 460,683
2022-2026 Funding:	**$ 460,683**	**$ 225,000**	**$ -**	**$ -**	**$ -**	**$ 685,683**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Electric
DIVISION:	Electric
FUND:	Electric
PROJECT LOCATION:	Various locations in the City
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:	2005
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 2,962,351
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 2,276,668
% Complete (if underway):	76.9%
Balance to be funded[1]:	$ 685,683

[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	$ 137,137
Materials:	5195106.9760	$ 473,121
Other Contracts:	5195106.9960	$ 75,425
TOTAL PROJECT COST		$ 685,683

[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 sub transmission 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. Capital project E1802's description listed below:

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) were 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	225,000	-	-	-	$ 225,000
CAPITAL RESERVES	613,134	70,843	81,608	$ 460,683	460,683	-	-	-	-	$ 460,683
EQUIPMENT REPLACEMENT		-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 613,134**	**$ 70,843**	**$ 81,608**	**$ 460,683**	**$ 460,683**	**$ 225,000**	**$ -**	**$ -**	**$ -**	**$ 685,683**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: EEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 706,350	$ 273,000	$ 100,000	$ 450,000	$ -	$ 1,529,350
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 706,350**	**$ 273,000**	**$ 100,000**	**$ 450,000**	**$ -**	**$ 1,529,350**

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:	$ 1,809,721
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 280,371
% Complete (if underway):	15.5%
Balance to be funded[1]:	$ 1,529,350

[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	$ 1,529,350
TOTAL PROJECT COST		$ 1,529,350

[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 (2022-2026).

Additionally, regarding the budgeted replacement in 2022 for City Trailer #113:
The City's Electric Department has a 1988 Wire Tension Trailer. The Trailer is used to pull the underground electric cables and overhead electric wires. The Trailer is very old and has reached the end of its life cycle. The engine is obsolete, not reliable, and not safe. The muffler is extremely loud to work around and makes communication very difficult during use, which is a safety issue.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	18,719	-	18,719	$ -	328,821	78,688	43,424	77,380	-	$ 528,313
CAPITAL RESERVES	2,483	2,483	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	233,669	233,669	-	$ -	377,529	194,312	56,576	372,620	-	$ 1,001,037
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	25,500	25,500	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 280,371**	**$ 261,652**	**$ 18,719**	**$ -**	**$ 706,350**	**$ 273,000**	**$ 100,000**	**$ 450,000**	**$ -**	**$ 1,529,350**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
ELECTRIC UTILITY

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE		PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES															
103	2018 Dodge Ram 2500, 4x4 Crew Cab			09/07/18	31,676	28,375	70,000	5	2018	2024	31,676			50,000		
116	2021 Nissan Leaf S Plus	EV		05/12/21	29,710	--	10,000	9	2021	2030	29,710					
120	2012 Toyota Camry Hybrid	Hybrid		03/19/12	24,718	18,171	70,000	10	2022	2023	24,718		38,000			
	LINE TRUCKS															
100	1997 Int'l 4700 Stake Truck		b.	03/14/97	39,285	57,595	110,000	--	--	--	39,285					
101	2017 Int'l 4300 Bucket Truck			01/13/17	174,983	28,538	75,000	8	2025	2025	174,983				225,000	
104	2013 International 7400 Digger		a.	09/21/12	228,003	45,685	75,000	8	2020	2021	228,003					
105	2020 Freightliner M2 Class 8			10/28/19	267,258	22,082	--	8	2019	2027	267,258					
111	2015 Sprinter 3500 Utility Versalift Vantel-29-NE			10/18/16	74,221	--	--	8	2024	2027	74,221					
115	2008 EZ Hauler 4100 Mini Digger Derrick			09/12/08	120,732	--	--	8	2016	2023	120,732		155,000			
122	2017 Int'l 4300 Bucket Truck			01/13/17	197,637	56,987	65,000	8	2025	2025	197,637				225,000	
124	2020 Int'l MV607 Versalift VN-55			04/24/20	220,644	23,569	100,000	8	2020	2028	220,644					
126	2018 Dodge Ram 2500, 4x4 Crew Cab			09/07/18	32,729	35,679	90,000	8	2018	2027	32,729					
130	2013 Ford F750 Aerial Lift Bucket Truck			01/14/14	176,500	37,153	75,000	8	2022	2022	176,500	250,000				
147	2015 Ford F750 Bucket Truck			07/31/15	164,100	30,084	75,000	8	2023	2023	164,100	250,000	-			
	PICK-UPS & VANS															
129	2011 Ford 3/4 Ton Utility Body			07/02/10	27,412	47,627	90,000	10	2020	2023	27,412		50,000			
132	2008 GMC Sierra 2500 Pickup Truck	EV - proposed		10/03/08	20,579	47,116	65,000	10	2018	2022	20,579	60,000				
145	2017 Ford F250 Super Duty Utility Body 4x4			08/11/17	37,552	14,399	65,000	10	2027	2027	37,552					
	OTHER EQUIPMENT															
112	2002 Self-Loading Cable Trailer			07/26/02	8,950	--	--	25	2027	2027	8,950					
113	1988 Int'l Wire Tensioner Trailer DPT30B			08/26/88	16,350	--	--	30	2018	2022	16,350	146,350				
154	2005 Daewoo 5K Forklift	EV		10/14/05	21,450	--	--	10	2015	2023	21,450		30,000			
155	2008 Komatsu FG45T 10K Forklift			11/30/15	24,900	--	--	10	2019	2024	24,900			50,000		
TOTAL ELECTRIC UTILITY								**GROSS ACQUISITION COST**				**$ 706,350**	**$ 273,000**	**$ 100,000**	**$ 450,000**	**$ -**
								LESS: USE OF CAPITAL RESERVES				-	-	-	-	-
								LESS: USE OF CURRENT RESOURCES				(328,821)	(78,688)	(43,424)	(77,380)	-
								NET EQUIPMENT SINKING FUND TOTAL				**$ 377,529**	**$ 194,312**	**$ 56,576**	**$ 372,620**	**$ -**

a. This vehicle is scheduled to be replaced in 2021.
b. This vehicle will not be replaced.


TSS

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

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

FUNDING SUMMARY

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 2,969,000	$ 4,029,000	$ 4,400,000	$ 2,185,000	$ 2,160,000	$ 15,743,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ 2,969,000	$ 4,029,000	$ 4,400,000	$ 2,185,000	$ 2,160,000	$ 15,743,000

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
W2201	Water Facilities Security Improvements	B	$ -	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
W2202	South Well Field Roof Replacements	D	-	-	-	-	100,000	-	-	-	100,000
W2203	Well and Wellhouse Facility Upgrades	D	-	-	-	-	300,000	-	-	-	300,000
W2204	Curtis WTP - Treatment Units 4/5 Rehabilitation	D	-	350,000	-	350,000	-	-	-	-	350,000
W2205	Curtis WTP - Raceway and Backwash Lagoon Rehabilitation	D	-	-	150,000	150,000	400,000	-	-	-	550,000
W2101	Evergreen Booster Station Rehabilitation	B	-	250,000	-	250,000	-	-	-	-	250,000
W2102	Highfield Drive Booster Station Rehabilitation	B	-	-	-	-	100,000	-	-	-	100,000
W2103	New London Water Tank Chlorination	B	265,000	100,000	-	100,000	-	-	-	-	100,000
W2104	Cleveland Avenue Water Adjustments	D	-	-	-	-	-	-	-	-	-
W2001	Newark Reservoir Upgrades	B	-	-	-	-	100,000	1,500,000	-	-	1,600,000
W1901	Main Street Water Main Improvements	B	-	-	-	-	-	-	-	-	-
W1701	Valve Inspection, Exercising and Rehabilitation	B	165,000	-	100,000	100,000	150,000	-	-	-	250,000
W1702	Source Water Protection	A	-	-	-	-	50,000	25,000	25,000	25,000	125,000
W1703	Laird Tract Well Field Restoration	A	100,000	1,925,000	-	1,925,000	-	-	-	-	1,925,000
W1601	Backup Generation at Water Facilities	A	100,000	-	-	-	125,000	125,000	125,000	-	375,000
W1602	Roseville Park Pressure District	B	100,000	-	25,000	25,000	-	-	-	-	25,000
W1503	Academy Street Interconnection Pump Station	B	-	-	-	-	-	300,000	-	-	300,000
W1402	Air Stripper Replacement - South Well Field	B	-	-	-	-	-	-	-	-	-
W1303	Water System Master Plan	D	-	-	-	-	-	-	-	-	-
W0503	Well Restoration Program	B	70,019	-	29,000	29,000	29,000	-	-	-	58,000
W9302	Water SCADA System	B	-	-	-	-	-	-	-	-	-
W9308	Water Main Replacement Program	B	2,000,000	-	-	-	2,000,000	2,400,000	2,000,000	2,000,000	8,400,000
W8605	Water Tank Maintenance	B	1,800,000	-	-	-	500,000	-	-	-	500,000
WEQSF	Equipment Replacement Program	B	35,000	25,267	14,733	40,000	75,000	50,000	35,000	135,000	335,000
Total Water Fund - Water Division			**$ 4,635,019**	**$ 2,650,267**	**$ 318,733**	**$ 2,969,000**	**$ 4,029,000**	**$ 4,400,000**	**$ 2,185,000**	**$ 2,160,000**	**$ 15,743,000**

PLANNED FINANCING SOURCES								
GROSS CAPITAL IMPROVEMENTS	$ 4,635,019	$ 2,650,267	$ 318,733	$ 2,969,000	$ 4,029,000	$ 4,400,000	$ 2,185,000	$ 2,160,000	$ 15,743,000
LESS: USE OF RESERVES	(231,019)	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	(25,011)	(25,267)	-	(25,267)	(47,168)	(19,541)	(21,491)	(61,114)	(174,581)
GRANTS	(125,000)	-	-	-	(50,000)	-	-	-	(50,000)
BOND ISSUES	-	-	-	-	-	-	-	-	-
STATE REVOLVING LOANS	(3,800,000)	(1,925,000)	-	(1,925,000)	-	-	-	-	(1,925,000)
AMERICAN RESCUE PLAN ACT	-	(700,000)	-	(700,000)	(2,900,000)	(2,700,000)	-	-	(6,300,000)
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ 453,989	$ -	$ 318,733	$ 318,733	$ 1,031,832	$ 1,680,459	$ 2,163,509	$ 2,098,886	$ 7,293,419

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

PROJECT NO: W2201

PROJECT TITLE: Water Facilities Security Improvements

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	50
Est. Total Cost:	$ 100,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 100,000

[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	$ 100,000
TOTAL PROJECT COST		$ 100,000

[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:

Remote Facilities fencing and gates need upgrades or replacement. Boosters, Tanks, and Treatment Plants all require security fencing and signage per federal and state regulations. Remote gate management and camera installations also contemplated.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	100,000	-	-	-	$ 100,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2202

PROJECT TITLE: South Well Field Roof Replacements

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	50
Est. Total Cost:	$ 100,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 100,000

[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	$ 100,000
TOTAL PROJECT COST		$ 100,000

[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 filter building has the original roof which is in excess of 25 years old. The pump house is part of the original site dating back to the 1950's. Patches have been implemented over the years, however, there is daylight showing and cracking in some sections of the roof. These roofs protect sensitive treatment systems and chemical storage, along with electronics and communication systems.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	100,000	-	-	-	$ 100,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2203

PROJECT TITLE: Well and Wellhouse Facility Upgrades

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 300,000	$ -	$ -	$ -	$ 300,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ 300,000	$ -	$ -	$ -	$ 300,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	20+
Est. Total Cost:	$ 300,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 300,000

[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	$ 300,000
TOTAL PROJECT COST		$ 300,000

[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:

Roof and siding where needed on various pump houses. Only upgrade existing where necessary. Don't build new, uncovered wells would be retrofitted with NEMA enclosures and weatherproof casings, eliminating the need for building enclosures.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	300,000	-	-	-	$ 300,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ -	$ -	$ -	$ -	$ -	$ 300,000	$ -	$ -	$ -	$ 300,000

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2204

PROJECT TITLE: Curtis WTP - Treatment Units 4/5 Rehabilitation

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 350,000	$ -	$ -	$ -	$ -	$ 350,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	15
Est. Total Cost:	$ 350,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
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:	5295206.9960	$ 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:

The Curtis Water Treatment Plant (CWTP) treats raw water from the White Clay Creek and Newark Reservoir and provides, on average, 60% of the water to the City each day. There are 5 treatment units. Each unit is nearly 30 years old and has been in service for nearly 15 years. Similar repairs were made to Units 1, 2, and 3 in 2013. Temporary repairs were made in 2020, however, full repair or replacement is necessary to run the plant at full capacity.

Additional upgrades to extend the life of the units and associated piping can also be made under this project, including, effluent meters, and condensation blocking coatings to piping.

With the South Well Field WTP back online, we are confident we could take the units offline and continue to treat enough water during the repairs.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	350,000	-	-	-	-	$ 350,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 350,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 350,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2205

PROJECT TITLE: Curtis WTP - Raceway and Backwash Lagoon Rehabilitation

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 150,000	$ 400,000	$ -	$ -	$ -	$ 550,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 150,000**	**$ 400,000**	**$ -**	**$ -**	**$ -**	**$ 550,000**

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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 550,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 550,000

[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	$ 550,000
TOTAL PROJECT COST		$ 550,000

[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 would restore capacity and settling capability in our raceway, which is the feed for all water treated at our Curtis Water Treatment Plant, including the fill water for the Newark Reservoir. The raceway currently overflows and limits capacity to get water to treatment plant. Will be an environmental permitting public outreach exercise due to it's proximity to the White Clay Creek and the appearance that it is not man-made. This raceway was constructed in order to bring water to the Curtis Paper Mill over 100 years ago.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	150,000	-	-	-	-	$ 150,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	400,000	-	-	-	$ 400,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ 400,000**	**$ -**	**$ -**	**$ -**	**$ 550,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2101

PROJECT TITLE: Evergreen Booster Station Rehabilitation

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 250,000	$ -	$ -	$ -	$ -	$ 250,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
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:	2021
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	$ 250,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 250,000

[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	$ 250,000
TOTAL PROJECT COST		$ 250,000

[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:

Evergreen Booster Station is a small booster station that supplies fire flow and pressure to the Evergreen development off of New London Road. The station needs to be rehabilitated to extend it's useful life along with additional work required to be fully operational through our SCADA system.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	250,000	-	-	-	-	$ 250,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2102

PROJECT TITLE: Highfield Drive Booster Station Rehabilitation

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Various
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:	2021
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 100,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 100,000

[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	$ 100,000
TOTAL PROJECT COST		$ 100,000

[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:

Highfield Drive Booster Station is situated inside a vault located in West Chestnut Hill Road which is difficult to access and maintain. The station needs to be rehabilitated or relocated, including SCADA upgrades. We are currently leaning toward rehabilitation as any relocation would likely require an easement or property acquisition.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	100,000	-	-	-	$ 100,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2103

PROJECT TITLE: New London Water Tank Chlorination

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	New London Road
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:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	20
Est. Total Cost:	$ 365,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 265,000
% Complete (if underway):	72.6%
Balance to be funded[1]:	$ 100,000

[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	$ 100,000
TOTAL PROJECT COST		$ 100,000

[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 provide a permanent solution to maintain chlorine residual levels in the areas served by the New London Water Storage Tank. Chlorine residual levels are set by state and federal requirements.

Work began on this project in 2021 and through 75% design plans, estimates are higher than expected. Increasing by $100,000 to account for these estimates.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	265,000	-	265,000	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	100,000	-	-	-	-	$ 100,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 265,000**	**$ -**	**$ 265,000**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2104

PROJECT TITLE: Cleveland Avenue Water Adjustments

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	
	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2021
Est. Completion Date:	2021
Est. Useful Life (in years):	50
Est. Total Cost:	$ 63,858
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 63,858
% 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:	5295206.9960	$ 63,858
TOTAL PROJECT COST		$ 63,858

[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:

DelDOT is currently planning to install drainage for portions of Cleveland Avenue ahead of the full paving and rehabilitation between Chapel Street and New London Road. There are several known conflicts between the proposed drainage and the City's water mains, water services, and fire hydrant leads, which will need to be adjusted during the installation of the storm sewer. DelDOT's contractor will complete this work and Newark will reimburse DelDOT for any necessary adjustments. The work is planned to begin in Summer 2021, completion in Fall 2021.

Prior Authorized funding for these improvements are transferred from CIP W1901 - Main Street Water Main Improvements, which were completed under budget in 2019-2020.

Please note, in 2021 $33,858 in prior authorized reserves was transferred from W1901 to W2104.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	30,000	-	30,000	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	33,858	-	33,858	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 63,858	$ -	$ 63,858	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W2001

PROJECT TITLE: Newark Reservoir Upgrades

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 100,000	$ 1,500,000	$ -	$ -	$ 1,600,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 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:	2024
Est. Useful Life (in years):	20
Est. Total Cost:	$ 1,600,000
Est. Spend @ 12/31/2021 (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 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. This project would evaluate alternatives for placing the armor.

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	50,000	1,500,000	-	-	$ 1,550,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS SRF possible	-	-	-	$ -	-	50,000	-	-	-	$ 50,000
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
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:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W1901

PROJECT TITLE: Main Street Water Main Improvements

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	Main Street
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:	2021
Est. Useful Life (in years):	20
Est. Total Cost:	$ 297,297
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 297,297
% 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:

NEW PROJECT ADDED APRIL 22, 2019 CITY COUNCIL MEETING.

As part of the DelDOT Main Street Rehabilitation and Pedestrian Improvement project, the City will upgrade portions of the water main distribution system in and along Main Street. The existing 10" water main is approximately 130 years old, with components dating back to 1888. The last major improvement involved cleaning and cement mortar lining of the main in 2002. While the previous lining process appears to have extended the useful life of the main itself, the 4" fire hydrant leads and associated valves were not included in the rehabilitation process and remain untouched since their initial installation. Over time, corrosion of the hydrant leads has resulted in mineral build up and corrosion inside the leads, reducing the inside diameter of the pipes to each hydrant. The reduction in pipe diameter restricts flow to hydrants resulting in lower hydrant flow rates and potential for breaks. Additionally, the spacing and age of the existing inline valves require wider disruptions in service to our customers when repairs or maintenance of the existing main is necessary. Replacement of existing inline valves and hydrant assemblies and installation of additional valves will improve hydrant reliability, fire flow rates and improve the City's ability to isolate segments of the water distribution system to perform future repairs with fewer impacts to our customers.

Please be advised that $126,000 in Current Resources previously listed under other projects in 2019 will be transferred to W1901 per budget amendment. Below are the amounts:
Project: W1402 $90,000
Project: W9302 $6,000
Project: W9308 $30,000

Please note, in 2021 $33,858 in prior authorized reserves was transferred from W1901 to W2104.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	297,297	297,297	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 297,297**	**$ 297,297**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W1701

PROJECT TITLE: Valve Inspection, Exercising and Rehabilitation

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 100,000	$ 150,000	$ -	$ -	$ -	$ 250,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 100,000**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ 250,000**

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:	$ 415,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 165,000
% Complete (if underway):	39.8%
Balance to be funded[1]:	$ 250,000

[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	$ 82,500
Other Contracts:	5295206.9960	$ 167,500
TOTAL PROJECT COST		$ 250,000

[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.

2022 Update:
We have received bids and awarded the contract. The valve work can be completed for approximately $50,000 per year for 3 years. Repairs are still unknown, but we have removed the funding from 2024 at this point.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	100,000	150,000	-	-	-	$ 250,000
CAPITAL RESERVES	165,000	-	165,000	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 165,000**	**$ -**	**$ 165,000**	**$ -**	**$ 100,000**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ 250,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W1702

PROJECT TITLE: Source Water Protection

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 50,000	$ 25,000	$ 25,000	$ 25,000	$ 125,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 50,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 125,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Water
FUND:	Water
PROJECT LOCATION:	White Clay Creek Watershed
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:	Perpetual
Est. Useful Life (in years):	20
Est. Total Cost:	$ 145,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 20,000
% Complete (if underway):	13.8%
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:	5295206.9960	$ 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:

This project will fund source water protection efforts in the White Clay Creek watershed, upstream from our surface water intake at the Curtis Water Treatment Plant. The goal for these projects is to reduce risk of contamination from both point and non-point source pollution sources. Additionally, projects may also seek to reduce bacterial, nutrient, and sediment loading in the creek which will improve water quality, improving treatment efficiency, while reducing electrical and chemical costs slowly over time. As an added benefit, in addition to Source Water protection, we are also in discussions with DNREC to allow the efforts from these projects to be included in our NPDES Permit compliance reporting, which would benefit the Stormwater Utility.

Previously, projects of this sort have been funded on an ad-hoc basis using operating funding when available. In order to realize a benefit, this will require a long term commitment allowing community partners with leveraging funding a reliable matching funding source. Additionally, the PWWR Department is working with the UD Water Resources Agency and the Nature Conservancy with funding from the William Penn Foundation to develop the Brandywine-Christina Healthy Water Fund (Fund). The goal of this fund is to implement a funding mechanism and science-based investment protocol to restore the Brandywine-Christina watershed to fishable, swimmable, and potable status within 10 years. A water fund is a mechanism for downstream beneficiaries to invest in upstream conservation measures designed to secure freshwater resources – both quality and quantity. Our funding would be leveraged to access other funding sources, multiplying our impact. Moving forward there will be a consistent source of projects, prioritized by their cost effectiveness at achieving the fishable, swimmable, and potable goal. A pilot project for this fund was completed in 2017 and the results have been positive so far. We anticipate another pilot project to be completed in late 2018 to further evaluate the potential benefits of long term participation in the Fund.

For more information on the fund please visit:
http://www.wra.udel.edu/brandywine-christina-healthy-water-fund/

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	50,000	25,000	25,000	25,000	$ 125,000
CAPITAL RESERVES	20,000	-	20,000	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 20,000**	**$ -**	**$ 20,000**	**$ -**	**$ -**	**$ 50,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 125,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: W1703

PROJECT TITLE: Laird Tract Well Field Restoration

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 1,925,000	$ -	$ -	$ -	$ -	$ 1,925,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 1,925,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,925,000**

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 @ 12/31/2021 (if underway)[1]:	$ 100,000
% Complete (if underway):	4.9%
Balance to be funded[1]:	$ 1,925,000

[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	$ 1,925,000
TOTAL PROJECT COST		$ 1,925,000

[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.

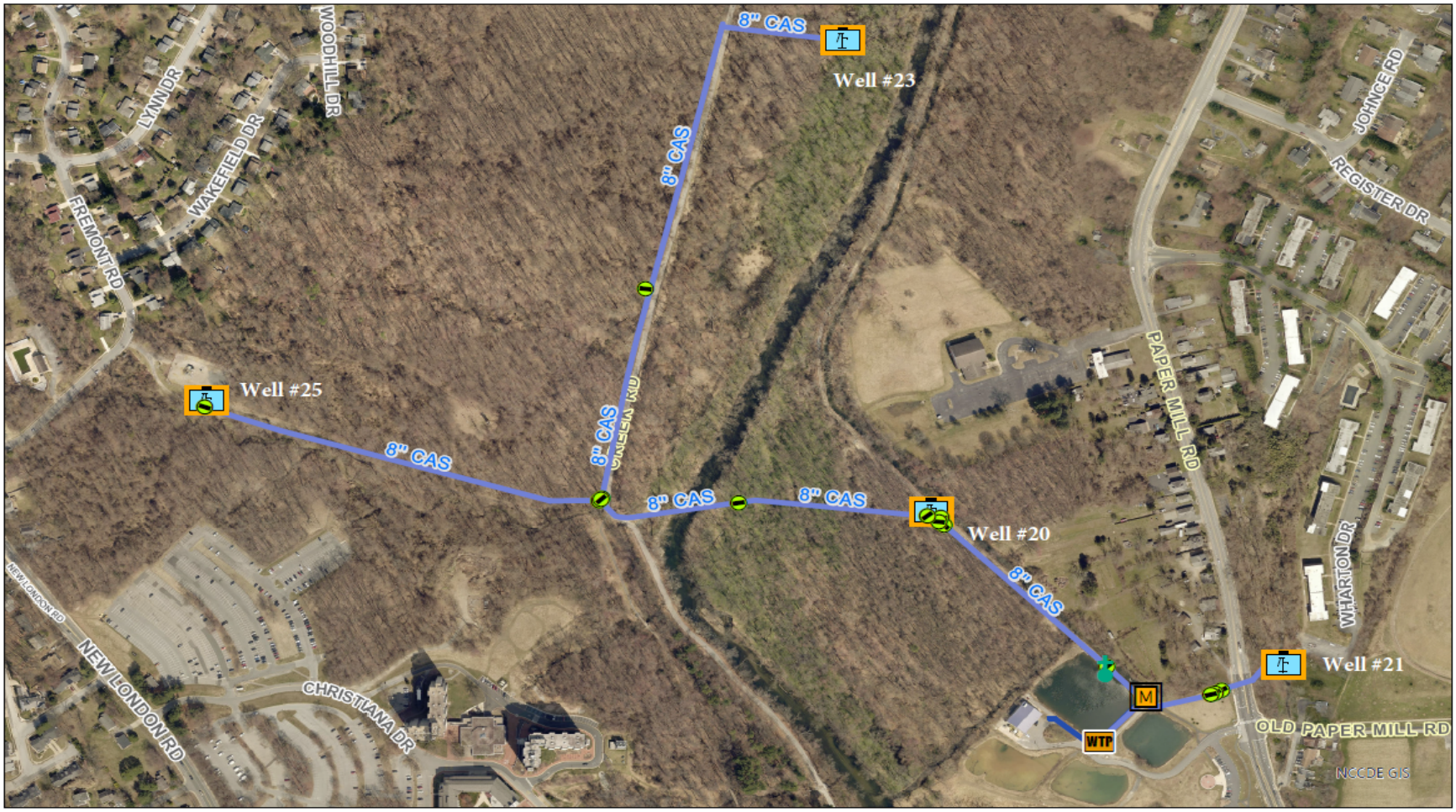
We will submit for funding through the State Revolving Loan Fund based on the successful passage of the 2018 Referendum. We anticipate being eligible for Project Planning Advances and Planning Grants to help offset the costs of planning and design.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	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
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 100,000**	**$ -**	**$ 100,000**	**$ -**	**$ 1,925,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,925,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

W1703: Laird Tract Well Field Restoration
Supporting Documentation - Page 1
Reservoir Area



CITY OF NEWARK
DELAWARE

Reservoir Area Wells & Raw Water Lines

April 2021

Reservoir Area

LEGEND

Control Valve
- Blowoff

System Valve
- Open

Network Structure
- Meter Station
- Production Well
- Treatment Plant

Water Main (Diameter, Owner)
- 4", City of Newark
- 8", City of Newark
- Over 12", City of Newark
- Unknown, City of Newark

N
W E
S

0 115 230
Feet

NEWARK DELAWARE
Committed to Service Excellence

PROJECT NO: W1601

PROJECT TITLE: Backup Generation at Water Facilities

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 125,000	$ 125,000	$ 125,000	$ -	$ 375,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ -**	**$ 375,000**

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:	2025
Est. Useful Life (in years):	20
Est. Total Cost:	$ 570,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 195,000
% Complete (if underway):	34.2%
Balance to be funded[1]:	$ 375,000

[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	$ 375,000
TOTAL PROJECT COST		$ 375,000

[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.

2022 Update - Upgrade CWTP, SWF(need new), Evergreen, Paper Mill Road

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	125,000	125,000	125,000	-	$ 375,000
CAPITAL RESERVES	45,208	742	44,466	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS FEMA Pre-Disaster Mitigation Grant	145,000	-	145,000	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 190,208**	**$ 742**	**$ 189,466**	**$ -**	**$ -**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ -**	**$ 375,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	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)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**

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:	2022
Est. Useful Life (in years):	50
Est. Total Cost:	$ 125,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 100,000
% Complete (if underway):	80.0%
Balance to be funded[1]:	$ 25,000

[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	$ 25,000
TOTAL PROJECT COST		$ 25,000

[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. A consultant will be used to put together a bid package for this project.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	100,000	-	100,000	$ -	25,000	-	-	-	-	$ 25,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 100,000**	**$ -**	**$ 100,000**	**$ -**	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	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)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 300,000	$ -	$ -	$ 300,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ -**	**$ 300,000**

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:	2024
Est. Useful Life (in years):	15
Est. Total Cost:	$ 300,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 300,000

[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	$ 300,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 300,000

[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. Our last need to purchase water was in 2014, during which the old pumps at the interconnection failed, 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. This project scope was 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 Newark 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 a pump manufacturer 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. 2023 funding includes design and permitting followed by construction.

Funding is also needed for 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. This funding would be beyond the scope of the current CIP.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	300,000	-	-	$ 300,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ -**	**$ 300,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W1402

PROJECT TITLE: Air Stripper Replacement - South Well Field

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	15
Est. Total Cost:	$ 4,030,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 4,250,580
% Complete (if underway):	105.5%
Balance to be funded[1]:	$ (220,580)

[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:

REFERENDUM PROJECT

The current air stripper has been in service for approximately 15 years running 24/7 and is likely nearing the end of it's service life. The system is very difficult to maintain due to its location on top of the raw water tank. Although effective at removing the harmful contaminants in the groundwater, it is unable to adequately treat all of the available source water (wells 14r and 16) resulting in these wells sitting idle. Furthermore, because there is no redundancy in the treatment process if the air stripper were to fail the South Well Field Treatment Plant (which accounts to roughly 40% of the City's water production) would need to be shut down. 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.

Project is substantially complete in 2021. $1mm supplemental loan approved and closed in 2021 to cover the total cost of the project and bringing the full SRF Loan amount to $4mm. $1mm removed from W9308 SRF loan.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(3,221,105)	-	-	$ (3,221,105)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	3,585,188	584,663	-	$ 3,000,525	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 364,083**	**$ 584,663**	**$ -**	**$ (220,580)**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W1303

PROJECT TITLE: Water System Master Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2013
Est. Completion Date:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	$ 50,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 50,000
% 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:

This project will build off the water distribution system hydraulic computer model developed in 2016. The current solution models the system under a "snap shot" scenario; meaning, the system is analyzed using a specific tank levels and system demand. This project will utilize the newly collected SCADA data to develop a more sophisticated extended period simulation which will model the diurnal demand and pressure fluctuation throughout the system.

The specific simulation will allow the department to more accurately estimate scenarios; such as, predicted fire flow capacity, develop unidirectional flushing plans and prioritize pipe lining and replacement locations.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	45,740	-	45,740	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 45,740	$ -	$ 45,740	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W0503

PROJECT TITLE: Well Restoration Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 29,000	$ 29,000	$ -	$ -	$ -	$ 58,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 29,000**	**$ 29,000**	**$ -**	**$ -**	**$ -**	**$ 58,000**

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:	$ 297,258
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 239,258
% Complete (if underway):	80.5%
Balance to be funded[1]:	$ 58,000

[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	$ 58,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 58,000

[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

Approximately $75,000 in well redevelopment needed prior to turning on SWFWTP. Mark Neimeister is getting the final quote from Shultes as of 6/26/2020. The reserves from prior years will cover this amount with the current 2020 remaining funding can be carried over and reduce the current resources needed in 2021.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	29,000	-	29,000	$ -	29,000	29,000	-	-	-	$ 58,000
CAPITAL RESERVES	116,701	74,085	42,616	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 145,701**	**$ 74,085**	**$ 71,616**	**$ -**	**$ 29,000**	**$ 29,000**	**$ -**	**$ -**	**$ -**	**$ 58,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: W9302

PROJECT TITLE: Water SCADA System

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	15
Est. Total Cost:	$ 573,431
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 573,431
% 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:

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. Balance to be spent in 2021.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(208,106)	-	-	$ (208,106)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	550,000	69,360	272,534	$ 208,106	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 341,894**	**$ 69,360**	**$ 272,534**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	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)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 2,000,000	$ 2,400,000	$ 2,000,000	$ 2,000,000	$ 8,400,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ 2,000,000	$ 2,400,000	$ 2,000,000	$ 2,000,000	$ 8,400,000

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:	$ 9,928,936
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 1,528,936
% Complete (if underway):	15.4%
Balance to be funded[1]:	$ 8,400,000

[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	$ 8,400,000
TOTAL PROJECT COST		$ 8,400,000

[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:

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 water 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. Estimated 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. Although our system was not constructed uniformly over the last 100 years, we use this assumption for budgeting purposes.

This project involves either replacing mains or lining the interior to minimize main breaks, improve water quality, and improve fire flow. Due to the Main Street Improvements and Covid-related delays, the East Park work that was contemplated in 2018 and 2019 will be completed in 2022, along with the continuation on the upgraded main in Dallam Road.

We have identified segments to be rehabilitated or replaced over the course of this CIP and intend to evaluate several emerging conditions assessment technologies to help guide the decision process for the segments to address in the out-years.

Total of $4,000,000 approved by 2018 referendum. $1,000,000 loan closed in 2019, with work completed in 2020. $2,000,000 loan closed in 2020 and work scheduled to be awarded in 2021 and complete in 2022. Total referendum spending for this project was reduced to $3,000,000 due to the needs at South Well Field WTP supplemental $1mm approved in July 2020.

2022 Update: Anticipated ARPA funding is included in 2023 and 2024 APRA Funding Line, which must be encumbered by 12/2024 and spent by 12/2026. SRF Funding was used for SWF Supplemental, therefore, after 2021 encumberence, no SRF funding will be available for water in 2022 (we will have spent $3mm) Total ARPA Water funding requested will be $4.4mm.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	2,000,000	2,000,000	$ 4,000,000
CAPITAL RESERVES	(1,005,242)	-	-	$ (1,005,242)	-	-		-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	2,030,672	4,396	1,021,034	$ 1,005,242	-	-		-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	2,000,000	2,400,000	-	-	$ 4,400,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 1,025,430**	**$ 4,396**	**$ 1,021,034**	**$ -**	**$ -**	**$ 2,000,000**	**$ 2,400,000**	**$ 2,000,000**	**$ 2,000,000**	**$ 8,400,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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



CITY OF NEWARK
DELAWARE

W9308
Proposed Water Main Replacement

July 2020

East Park Place

LEGEND

System Valve
- Opened

Hydrant
- In Service

Network Structure
- Other

Fitting
- Bend
- Tee
- Cap
- Reducer
- Cross
- 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
- Water Main to be Replaced

N W E S

0 70 140 Feet

NEWARK DELAWARE
Committed to Service Excellence

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



CITY OF NEWARK
DELAWARE

W9308
Proposed Water Main Replacement

July 2020

Dallam Road

LEGEND

Control Valve	**Hydrant**	**Abandoned Line**
Air Release	In Service	**Water Main (Diameter, Owned By)**
System Valve	**Network Structure**	6", City of Newark
Closed	Tower	12", City of Newark
Opened	**Water Lateral**	Water Main to be Replaced

N
W E
S

0 95 190
Feet

NEWARK DELAWARE
Committed to Service Excellence

PROJECT NO: W8605

PROJECT TITLE: Water Tank Maintenance

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 500,000	$ -	$ -	$ -	$ 500,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ 500,000	$ -	$ -	$ -	$ 500,000

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:	$ 2,397,969
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 1,897,969
% Complete (if underway):	79.1%
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:		$ -
Materials:		$ -
Other Contracts:	5295206.9760	$ 500,000
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:

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:

2020-2024 CIP

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
2023 - New London Tank (2,000,000 gallon ground tank) - $500,000, last painted in 1997

Future CIP

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(311,281)	-	-	$ (311,281)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS Drinking Water	40,750	-	-	$ 40,750	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	2,250,000	-	1,897,969	$ 352,031	-		-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	500,000	-	-	-	$ 500,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 1,979,469**	**$ -**	**$ 1,897,969**	**$ 81,500**	**$ -**	**$ 500,000**	**$ -**	**$ -**	**$ -**	**$ 500,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: WEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 40,000	$ 75,000	$ 50,000	$ 35,000	$ 135,000	$ 335,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 40,000**	**$ 75,000**	**$ 50,000**	**$ 35,000**	**$ 135,000**	**$ 335,000**

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:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	$ 633,924
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 298,924
% Complete (if underway):	47.2%
Balance to be funded[1]:	$ 335,000

[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:	5295206.9623	$ 335,000
TOTAL PROJECT COST		$ 335,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	9,989	15,085	-	$ (5,096)	14,733	27,832	30,459	13,509	73,886	$ 160,419
CAPITAL RESERVES	90,421	90,421	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	193,418	193,418	-	$ -	25,267	47,168	19,541	21,491	61,114	$ 174,581
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 293,828**	**$ 298,924**	**$ -**	**$ (5,096)**	**$ 40,000**	**$ 75,000**	**$ 50,000**	**$ 35,000**	**$ 135,000**	**$ 335,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
WATER AND WASTEWATER UTILITIES

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE		PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES															
215	2019 Chevrolet Equinox AWD			06/03/19	22,122	11,681	60,000	10	2029	2029	22,122					
226	2012 Toyota Camry Hybrid	Hybrid	b.	03/19/12	16,148	21,426	70,000	10	2022	--	16,148					
	LINE TRUCKS															
202	2020 Ford F550 Service Body			01/15/21	99,481	2,794	50,000	8	2020	2028	99,481					
	PICK-UPS & VANS															
204	2016 Ford F350 Dump Truck			09/02/16	34,155	15,599	85,000	10	2026	2026	34,155					75,000
206	2014 Ford F150 Pickup Truck		a.	12/31/14	25,011	143,935	120,000	5	2020	2021	25,011					
211	2009 Ford F250 Pickup Truck, Supercab			06/05/09	25,267	77,230	80,000	10	2019	2022	25,267	40,000				
218	2017 Ford F250 Pickup Truck 4x4			08/30/17	30,512	14,752	100,000	10	2027	2027	30,512					
224	2012 Ford F250 Pickup Truck			10/25/12	37,999	47,374	80,000	10	2022	2023	37,999		50,000			
241	2015 Ford Transit Connect	EV - proposed		12/31/14	21,491	44,972	100,000	10	2025	2025	21,491				35,000	
244	2016 Ford F250 Pickup Truck, Reg. Cab 4x4			07/21/16	26,959	26,743	100,000	10	2026	2026	26,959					60,000
299	2013 Ford F150 Pickup Truck, Ext. Cab			06/28/13	19,541	41,703	100,000	10	2023	2024	19,541			50,000		
	OTHER EQUIPMENT															
201	1994 Ingersoll Air Compressor P175 Rand			09/09/94	9,169	--	--	15	2009	2023	9,169	-	25,000			
220	2020 Case 590SN Loader Backhoe 4WD			09/16/20	123,321	--	--	9	2020	2029	123,321					
TOTAL WATER AND WASTE WATER UTILITY											**GROSS ACQUISITION COST**	**$ 40,000**	**$ 75,000**	**$ 50,000**	**$ 35,000**	**$ 135,000**
											LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
											LESS: USE OF CURRENT RESOURCES	(14,733)	(27,832)	(30,459)	(13,509)	(73,886)
											NET EQUIPMENT SINKING FUND TOTAL	**$ 25,267**	**$ 47,168**	**$ 19,541**	**$ 21,491**	**$ 61,114**

a. This vehicle is scheduled to be replaced in 2021.
b. This vehicle will not be replaced.

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
	STAFF VEHICLES														
207	2021 International Hv507 SFA Dump Truck 4x2		01/15/21	175,965	5,063	40,000	5	2027	2027	N/A					

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

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

FUNDING SUMMARY

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 1,750,000	$ 2,075,000	$ 2,400,000	$ 1,000,000	$ 1,000,000	$ 8,225,000
*Prior Authorized Balance:	$ 200,000	$ -	$ -	$ -	$ -	$ 200,000
2022-2026 Funding:	$ 1,950,000	$ 2,075,000	$ 2,400,000	$ 1,000,000	$ 1,000,000	$ 8,425,000

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
S2201	FOG Program Development	C	$ -	$ -	$ 75,000	$ 75,000	$ 75,000	$ -	$ -	$ -	$ 150,000
S2202	Backup Sewer Pump Purchase	D	-	-	75,000	75,000	-	-	-	-	75,000
S1602	Sewer SCADA System	D	-	-	-	-	-	-	-	-	-
S1501	Sewer System Master Plan	A	-	-	-	-	-	-	-	-	-
S0904	Sanitary Sewer Study and Repairs	B	800,000	1,800,000	-	1,800,000	2,000,000	2,050,000	1,000,000	1,000,000	7,850,000
SEQSF	Equipment Replacement Program	B	-	-	-	-	-	350,000	-	-	350,000
Total Sewer Fund - Sewer Division			**$ 800,000**	**$ 1,800,000**	**$ 150,000**	**$ 1,950,000**	**$ 2,075,000**	**$ 2,400,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 8,425,000**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 800,000	$ 1,800,000	$ 150,000	$ 1,950,000	$ 2,075,000	$ 2,400,000	$ 1,000,000	$ 1,000,000	$ 8,425,000
	LESS: USE OF RESERVES		-	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		-	-	-	-	-	(234,160)	-	-	(234,160)
	GRANTS		-	-	-	-	-	(50,000)	-	-	(50,000)
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	STATE REVOLVING LOANS		(800,000)	(1,800,000)	-	(1,800,000)	-	-	-	-	(1,800,000)
	AMERICAN RESCUE PLAN ACT		-	-	-	-	(2,000,000)	(2,000,000)	-	-	(4,000,000)
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ -	$ -	$ 150,000	$ 150,000	$ 75,000	$ 115,840	$ 1,000,000	$ 1,000,000	$ 2,340,840

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

PROJECT NO: S2201

PROJECT TITLE: FOG Program Development

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 75,000	$ 75,000	$ -	$ -	$ -	$ 150,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 75,000**	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ 150,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Sewer
FUND:	Sewer
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:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	100
Est. Total Cost:	$ 150,000
Est. Spend @ 12/31/2021 (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:	5395306.9760	$ 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:

Fats, Oils, and Grease are a major problem when disposed of in our sanitary sewer system. These materials build up within the pipes and reduce flow capacity, collect other material, and ultimately cause backups into homes and businesses. Program development would consist of community outreach, business signage, inspection program, and education.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	75,000	75,000	-	-	-	$ 150,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ 150,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: S2202

PROJECT TITLE: Backup Sewer Pump Purchase

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Sewer
FUND:	Sewer
PROJECT LOCATION:	City-Wide
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	100
Est. Total Cost:	$ 75,000
Est. Spend @ 12/31/2021 (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:		$ -
Other Contracts:	5395306.9760	$ 75,000
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:

Sewer overflows can be detrimental to the environment very quickly. Having a pump capable of pumping full flows of our largest pump station would allow us to repair pumps and respond to emergencies quickly and more cost effective. Previous pump rentals and emergency service costs are in the thousands of dollars per month. Configuration changes are underway at our pump stations to allow us to quickly hook to the stations and eliminate any overflows.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	75,000	-	-	-	-	$ 75,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: S1602

PROJECT TITLE: Sewer SCADA System

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Sewer
FUND:	Sewer
PROJECT LOCATION:	Three Sewer Pump Stations
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:	2016
Est. Completion Date:	2021
Est. Useful Life (in years):	15
Est. Total Cost:	$ 75,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 75,000
% 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:

Development of a SCADA System for the PWWR Department will allow us to more efficiently and effectively manage the utilities. We currently have four water plant operator positions that work three shifts per day, every day of the year. The four operators use a vehicle which has been lasting less than three years before wearing out from excessive mileage and use. With a SCADA System, we will significantly reduce the mileage driven per day due to the need to check all facilities at least once per shift. This will also free up time for the operators to perform routine preventative maintenance tasks that are currently either contracted out or not completed at all.

The radio communications and HMI portions of this project are being handled through the Water SCADA project. Now that they will be in place by 2016 we plan to instrument and bring online one of our three pump station per year for the next three years. This system will allow us to monitor, among other things, pump status, pumping rates, runtimes, flow rates, backup generator fuel levels, generator runtimes, power quality, estimate inflow and infiltration rates during storms, track error codes, and quickly identify problems. Flow rates and characteristics measured at the pump stations will be able to be fed into the sewer capacity model under development to more accurately model pumping effects on system capacity.

Operating budget impact will be a reduction in vehicle fuel cost and wear and tear slightly offset by annual service subscription fees and sensor/equipment maintenance costs. We have conservatively pegged this cost at $2000 per station per year in year 1, increasing at 3% in the out years.

Funds were deauthorized from Capital Project S0904 in the amount of $75,000.00 to fund Capital Project S1602 for 2018.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	40,165	-	40,165	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 40,165	$ -	$ 40,165	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: S1501

PROJECT TITLE: Sewer System Master Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2015
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	25+
Est. Total Cost:	$ 570,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 570,000
% 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:

This project continues the effort begun in 2015 to digitally map and model the sanitary sewer system. In 2015, we applied for and were awarded a grant from the Water Infrastructure Advisory Council (WIAC) to survey the sanitary sewer system and create a GIS database. Additionally, flow monitoring was completed in the Cool Run sewer basin, one of our two major sewer basins. In 2016, we applied for and were awarded an additional grant to perform sewer flow monitoring in the White Clay sewer basin. Combining this with the data collected in 2015, we will create a capacity model of the sanitary sewer system. This model will be used to identify areas of limited capacity for targeted replacement, capacity upgrades, and if necessary, temporary development restrictions.

The City currently does not have a sanitary sewer model and instead relies on developers to analyze and confirm that adequate capacity exists in our system to accommodate their development. The problem with this method is that it applies an oversize burden on small developments since a very similar level of effort is required whether the project is large or small. We would propose eliminating this requirement of the developers and instead charge a capacity certification fee based on of the average daily flow generated by a development. This fee is similar to a fee charged by the regional wastewater treatment plant and would allow us to be equitably reimbursed by developers for the effort necessary to create and maintain an accurate capacity model while at the same time reducing the engineering cost of developing a plan in the City. Annual maintenance costs have been assumed at zero due to the expectation of the program to be self-funded through fees. 2017 funding is for development of the capital recovery fee structure.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	80,513	49,365	31,148	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 80,513**	**$ 49,365**	**$ 31,148**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: S0904

PROJECT TITLE: Sanitary Sewer Study and Repairs

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 1,600,000	$ 2,000,000	$ 2,050,000	$ 1,000,000	$ 1,000,000	$ 7,650,000
*Prior Authorized Balance:	$ 200,000	$ -	$ -	$ -	$ -	$ 200,000
2022-2026 Funding:	**$ 1,800,000**	**$ 2,000,000**	**$ 2,050,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 7,850,000**

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:	$ 9,259,321
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 1,409,321
% Complete (if underway):	15.2%
Balance to be funded[1]:	$ 7,850,000

[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	$ 7,850,000
TOTAL PROJECT COST		$ 7,850,000

[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 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 has also been used for a capacity model that will allow us to target select lines for capacity increases when performing rehabilitation efforts.

Completed 8 point repairs and nearly 10,000 linear feet of pipe lining (in progress) in 2021.

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. Closed on $2.6mm loan in 2021. Spending can be spread until 2022 as shown in previous budget to continue the inspection and rehabilitation of the targeted segments.

2022 Update: SRF Funding of $1.8mm to be used in 2022 per previous budget. $2mm each for 2023 and 2024 will be funding request from City ARPA funds.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	1,000,000	1,000,000	$ 2,000,000
CAPITAL RESERVES	108,211	108,211	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS SRL	-	-	-	$ -	-	-	50,000	-	-	$ 50,000
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	1,169,780	99,210	870,570	$ 200,000	1,800,000	-	-	-	-	$ 1,800,000
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	2,000,000	2,000,000	-	-	$ 4,000,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 1,277,991**	**$ 207,421**	**$ 870,570**	**$ 200,000**	**$ 1,800,000**	**$ 2,000,000**	**$ 2,050,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 7,850,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: SEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 350,000	$ -	$ -	$ 350,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ -**	**$ 350,000**	**$ -**	**$ -**	**$ 350,000**

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:	$ 350,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
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:	5395306.9623	$ 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:

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 (2022-2026).

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 2022. We are currently evaluating the operation of Vehicle 304, which will have the engine replaced with a city-owned out of service vehicle. This vehicle may be replaced with a separate truck and trailer mounted flushing unit to provide more versatility to the operations. Current estimates show this will cost considerably less than the truck mounted unit, where the chassis is a significant expense.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	115,840	-	-	$ 115,840
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	234,160	-	-	$ 234,160
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 350,000**	**$ -**	**$ -**	**$ 350,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
SEWER UTILITY

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
305	2017 Western Star 4700SB		10/13/16	234,160	18,824	--	8	2024	2024	234,160			350,000		
TOTAL SEWER UTILITY										**GROSS ACQUISITION COST**	**$ -**	**$ -**	**$ 350,000**	**$ -**	**$ -**
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	-	(115,840)	-	-
										NET EQUIPMENT SINKING FUND TOTAL	**$ -**	**$ -**	**$ 234,160**	**$ -**	**$ -**

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
	STAFF VEHICLES														
304	2006 Int'l 4300 Jetter Truck		11/11/05	146,156	83,354	--	5	2023	2023	N/A		195,355			
2694	Portable Sewer Crawler Camera (for Vehicle #304)		TBD	75,000	--	--	5	2022	2022	N/A	75,000				

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

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

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 925,000	$ 945,000	$ 1,285,000	$ 725,000	$ 650,000	$ 4,530,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ 925,000	$ 945,000	$ 1,285,000	$ 725,000	$ 650,000	$ 4,530,000

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
Q2201	Outfall and City Owned SWM Facility Repair	D	$ -	$ 300,000	$ -	$ 300,000	$ 300,000	$ 400,000	$ -	$ -	$ 1,000,000
Q1802	Rodney Regional Stormwater Park	A	1,407,000	-	-	-	-	-	-	-	-
Q1301	Storm Drainage Improvements	B	609,476	50,000	500,000	550,000	525,000	550,000	550,000	550,000	2,725,000
Q0101	Stormwater Quality Improvements (NPDES Phase II Permit)	B	171,628	-	75,000	75,000	75,000	85,000	100,000	100,000	435,000
QEQSF	Equipment Replacement Program	B	33,000	-	-	-	45,000	250,000	75,000	-	370,000
Total Stormwater Fund - Stormwater Division			**$ 2,221,104**	**$ 350,000**	**$ 575,000**	**$ 925,000**	**$ 945,000**	**$ 1,285,000**	**$ 725,000**	**$ 650,000**	**$ 4,530,000**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 2,221,104	$ 350,000	$ 575,000	$ 925,000	$ 945,000	$ 1,285,000	$ 725,000	$ 650,000	$ 4,530,000
	LESS: USE OF RESERVES		(731,104)	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		(13,489)	-	-	-	(26,245)	(75,000)	(43,993)	-	(145,238)
	GRANTS		-	(50,000)	-	(50,000)	-	-	-	-	(50,000)
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	STATE REVOLVING LOANS		(1,407,000)	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	(300,000)	-	(300,000)	(300,000)	(400,000)	-	-	(1,000,000)
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ 69,511	$ -	$ 575,000	$ 575,000	$ 618,755	$ 810,000	$ 681,007	$ 650,000	$ 3,334,762

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

PROJECT NO: Q2201

PROJECT TITLE: Outfall and City Owned SWM Facility Repair

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 300,000	$ 300,000	$ 400,000	$ -	$ -	$ 1,000,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 300,000**	**$ 300,000**	**$ 400,000**	**$ -**	**$ -**	**$ 1,000,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Stormwater
FUND:	Stormwater
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:	2022
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	100
Est. Total Cost:	$ 1,000,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 1,000,000

[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:	5595506.9720	$ 1,000,000
TOTAL PROJECT COST		$ 1,000,000

[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:

City owned stormwater facilities and outfalls need rehabilitation per annual inspections. Most major repairs are outside of the scope of in-house crew and equipment capabilities. This funding can also be used to repair Home Owner Association-owned facilities prior to take over by the City for long term maintenance.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	300,000	300,000	400,000	-	-	$ 1,000,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ 300,000**	**$ 400,000**	**$ -**	**$ -**	**$ 1,000,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: Q1802

PROJECT TITLE: Rodney Regional Stormwater Park

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	100
Est. Total Cost:	$ 7,975,065
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 7,975,065
% 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:

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.

2022 Update - Interest Payments on loan draws is now captured in the OPEX Debt Service Line. Project will be complete by end of 2021, other than punch list and backordered items.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(321,679)	-	-	$ (321,679)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	5,760,597	3,255,019	2,183,899	$ 321,679	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 5,438,918**	**$ 3,255,019**	**$ 2,183,899**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: Q1301

PROJECT TITLE: Storm Drainage Improvements

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 550,000	$ 525,000	$ 550,000	$ 550,000	$ 550,000	$ 2,725,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 550,000**	**$ 525,000**	**$ 550,000**	**$ 550,000**	**$ 550,000**	**$ 2,725,000**

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:	2013
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	75+
Est. Total Cost:	$ 3,746,094
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 1,021,094
% Complete (if underway):	27.3%
Balance to be funded[1]:	$ 2,725,000

[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:	5595506.9720	$ 2,725,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 2,725,000

[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 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 Jenney's 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

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

2022 Update - Several projects currently underway, however, funding may remain to be carried into 2022 and may reduce the funding needed from current resources.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	500,000	525,000	550,000	550,000	550,000	$ 2,675,000
CAPITAL RESERVES	1,021,094	159,562	861,532	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS SRF Planning	-	-	-	$ -	50,000	-	-	-	-	$ 50,000
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 1,021,094**	**$ 159,562**	**$ 861,532**	**$ -**	**$ 550,000**	**$ 525,000**	**$ 550,000**	**$ 550,000**	**$ 550,000**	**$ 2,725,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

Q1301: Storm Drainage Improvements
Supporting Documentation - Page 1



CITY OF NEWARK
DELAWARE

Q1301
2021 Proposed Stormwater Lining

September 2020

Edjil Drive

LEGEND

- Inlets
- Manholes
- Discharge Points
- Gravity Mains
- Culverts
- Exits (labels)

Roads

- Major Highways
- Highways
- Major Roads

Major Highways
Highways
Major Roads

N W E S

0 20 40 Feet

NEWARK DELAWARE
Committed to Service Excellence

PROJECT NO: Q0101

PROJECT TITLE: Stormwater Quality Improvements (NPDES Phase II Permit)

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 75,000	$ 75,000	$ 85,000	$ 100,000	$ 100,000	$ 435,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 75,000**	**$ 75,000**	**$ 85,000**	**$ 100,000**	**$ 100,000**	**$ 435,000**

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:	$ 601,628
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 166,628
% Complete (if underway):	27.7%
Balance to be funded[1]:	$ 435,000

[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	$ 435,000
TOTAL PROJECT COST		$ 435,000

[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.

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.

2021 Update: Plans and specifications for Abbottsford are complete, but construction likely to be completed in 2021. Planning money for 2022 is included in the 2021 budget, resulting in a reduced budget.

*Please note, $25,000 in Grant funding was received from the Community Environmental Project Fund and added to this project in 2021 for the Abbotsford Stormwater Quality Retrofit.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	25,000	-	25,000	$ -	75,000	75,000	85,000	100,000	100,000	$ 435,000
CAPITAL RESERVES	141,628	-	141,628	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS Community Environment Project Fund	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 166,628**	**$ -**	**$ 166,628**	**$ -**	**$ 75,000**	**$ 75,000**	**$ 85,000**	**$ 100,000**	**$ 100,000**	**$ 435,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	2,000	3,000	4,000	5,000	5,000	$ 19,000

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PROJECT NO: QEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 45,000	$ 250,000	$ 75,000	$ -	$ 370,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 45,000**	**$ 250,000**	**$ 75,000**	**$ -**	**$ 370,000**

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:	$ 403,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 33,000
% Complete (if underway):	8.2%
Balance to be funded[1]:	$ 370,000

[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	$ 370,000
TOTAL PROJECT COST		$ 370,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	19,511	-	19,511	$ -	-	18,755	175,000	31,007	-	$ 224,762
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	13,489	-	13,489	$ -	-	26,245	75,000	43,993	-	$ 145,238
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 33,000**	**$ -**	**$ 33,000**	**$ -**	**$ -**	**$ 45,000**	**$ 250,000**	**$ 75,000**	**$ -**	**$ 370,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
STORMWATER UTILITY

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
1504	2012 Ford F250 Pickup Truck 4x4		09/21/12	26,245	65,800	110,000	10	2022	2023	26,245		45,000			
1512	2021 Nissan Leaf S Plus	EV	05/12/21	29,710	1,232	20,000	9	2021	2030	29,710					
1530	2007 Int'l 4200 - SC7000 Sweeper		10/18/16	75,000	15,909	60,000	8	2024	2024	75,000			250,000		
1531	2017 Tennant ATLV 4300 Litter Vacuum	Alt Fuel - Proposed	11/14/17	43,993	--	--	8	2025	2025	43,993				75,000	
1550	2020 Freightliner M2-Vac-All Catch Basin Cleaner		11/26/19	305,991	7,149	--	8	2019	2027	305,991					
TOTAL STORMWATER UTILITY										**GROSS ACQUISITION COST**	$ -	$ 45,000	$ 250,000	$ 75,000	$ -
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF GRANT FUNDING	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	(18,755)	(175,000)	(31,007)	-
										NET EQUIPMENT SINKING FUND TOTAL	$ -	$ 26,245	$ 75,000	$ 43,993	$ -

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

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

FUNDING SUMMARY

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 2,030,194	$ 2,929,357	$ 3,095,000	$ 3,200,000	$ 2,695,000	$ 13,949,551
*Prior Authorized Balance:	$ 309,696	$ -	$ -	$ -	$ -	$ 309,696
2022-2026 Funding:	$ 2,339,890	$ 2,929,357	$ 3,095,000	$ 3,200,000	$ 2,695,000	$ 14,259,247

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
R2201	Roll Off Dumpster Purchase	A	$ -	$ -	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ -	$ -	$ 60,000
REQSF	Equipment Replacement Program	B	285,690	-	-	-	200,000	600,000	600,000	300,000	1,700,000
H2201	Annual Street Program	B	-	1,001,675	450,000	1,451,675	1,772,916	1,795,000	2,145,000	2,145,000	9,309,591
H2202	ADA Accessibility Transition Plan	C	-	162,278	-	162,278	166,441	175,000	175,000	175,000	853,719
H2203	City Hall Parking Lot Rehabilitation	B	-	545,937	-	545,937	-	-	-	-	545,937
H2101	Annual Street Program	B	1,586,738	-	-	-	-	-	-	-	-
H2102	ADA Accessibility Transition Plan	C	159,736	-	-	-	-	-	-	-	-
H2002	ADA Accessibility Transition Plan	C	-	-	-	-	-	-	-	-	-
H1902	ADA Accessibility Transition Plan	C	-	-	-	-	-	-	-	-	-
H1903	Skid Steer Purchase	A	-	-	-	-	-	75,000	-	-	75,000
H1802	ADA Accessibility Transition Plan	C	-	-	-	-	-	-	-	-	-
H1503	Newark Transportation Plan Implementation	A	15,000	50,000	-	50,000	100,000	80,000	80,000	75,000	385,000
HEQSF	Equipment Replacement Program	B	196,000	60,288	24,712	85,000	635,000	350,000	150,000	-	1,220,000
T2201	Survey Equipment Purchase	A	-	-	25,000	25,000	-	-	-	-	25,000
TEQSF	Equipment Replacement Program	B	-	-	-	-	35,000	-	50,000	-	85,000
Total General Fund - Refuse, Street and Engineering Divisions			**$ 2,243,164**	**$ 1,820,178**	**$ 519,712**	**$ 2,339,890**	**$ 2,929,357**	**$ 3,095,000**	**$ 3,200,000**	**$ 2,695,000**	**$ 14,259,247**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 2,243,164	$ 1,820,178	$ 519,712	$ 2,339,890	$ 2,929,357	$ 3,095,000	$ 3,200,000	$ 2,695,000	$ 14,259,247
	LESS: USE OF RESERVES		-	(309,696)	-	(309,696)	-	-	-	-	(309,696)
	VEHICLE & EQUIPMENT REPLACEMENT		(381,535)	(60,288)	-	(60,288)	(522,308)	(632,299)	(601,688)	(193,963)	(2,010,546)
	GRANTS		(1,181,486)	(637,016)	-	(637,016)	(637,916)	(660,000)	(660,000)	(610,000)	(3,204,932)
	BOND ISSUES		(459,988)	(138,178)	-	(138,178)	-	-	-	-	(138,178)
	AMERICAN RESCUE PLAN ACT		-	(525,000)	-	(525,000)	-	-	-	-	(138,178)
	OTHER FINANCING SOURCES		(120,000)	(150,000)	-	(150,000)	(60,000)	(60,000)	(60,000)	(60,000)	(390,000)
	NET CAPITAL IMPROVEMENTS		$ 100,155	$ -	$ 519,712	$ 519,712	$ 1,709,133	$ 1,742,701	$ 1,878,312	$ 1,831,037	$ 8,067,717

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

PROJECT NO: R2201

PROJECT TITLE: Roll Off Dumpster Purchase

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 20,000	$ 20,000	$ 20,000	$ -	$ -	$ 60,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ -**	**$ -**	**$ 60,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Refuse
FUND:	Capital Projects
PROJECT LOCATION:	Field Operations Complex (FOC)
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:	2022
Est. Completion Date:	2024
Est. Useful Life (in years):	10
Est. Total Cost:	$ 60,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 60,000

[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:	3063006.9760	$ 60,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 60,000

[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 dumpsters to use with new swap loader, which is dump truck which can 'swap' it's body from dump body, to dumpster, to leaf collection machine quickly. Having City-owned dumpsters would help with the following events which we currently rent dumpsters:

UDNI Student Move out
Permanent dumpsters at our maintenance yard
Community Cleanup Events
Community events such as Community Day, Al Fresco, etc.

Current funding is to purchase 2 dumpsters each year for a total of 6 units.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	20,000	20,000	20,000	-	-	$ 60,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 20,000**	**$ 20,000**	**$ 20,000**	**$ -**	**$ -**	**$ 60,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: REQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 200,000	$ 600,000	$ 600,000	$ 300,000	$ 1,700,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 200,000**	**$ 600,000**	**$ 600,000**	**$ 300,000**	**$ 1,700,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Refuse
FUND:	Capital Projects
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:	$ 1,985,690
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 285,690
% Complete (if underway):	14.4%
Balance to be funded[1]:	$ 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:		$ -
Materials:		$ -
Other Contracts:	3063026.9623	$ 1,700,000
TOTAL PROJECT COST		$ 1,700,000

[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:

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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	83,852	129,686	135,790	106,037	$ 455,365
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	285,690	30,000	255,690	$ -	-	116,148	470,314	464,210	193,963	$ 1,244,635
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 285,690**	**$ 30,000**	**$ 255,690**	**$ -**	**$ -**	**$ 200,000**	**$ 600,000**	**$ 600,000**	**$ 300,000**	**$ 1,700,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, REFUSE DIVISION

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	REFUSE COLLECTION														
409	2006 Int'l 7400 26CY One-Man Packer	b.	09/12/05	146,659	103,726	65,000	8	2013	--	146,659					
410	2015 Peterbuilt 320 Cabover Tractor/Trailer	a.	11/30/14	285,690	63,897	65,000	8	2021	2021	285,690					
411	2016 Freightliner M2 Class 8		05/26/16	232,105	60,609	65,000	8	2024	2025	232,105				300,000	
453	2016 Freightliner M2 Class 8		05/26/16	232,105	57,790	75,000	8	2024	2025	232,105				300,000	
454	2016 Freightliner M2 Class 8		01/07/16	235,157	66,195	65,000	8	2024	2024	235,157			300,000		
456	2016 Freightliner M2 Class 8		01/07/16	235,157	60,605	65,000	8	2024	2024	235,157			300,000		
	SPECIAL COLLECTION														
418	2018 Peterbuilt 348 Rear Loader		02/07/18	193,963	34,076	65,000	8	2026	2026	193,963					300,000
440	2011 Freightliner Knuckleboom M2-106		06/17/11	116,148	46,833	100,000	10	2021	2023	116,148		200,000			
441	1997 Int'l Knuckleboom	b.	12/31/96	67,190	109,886	--	--	--	--	67,190					
TOTAL REFUSE DIVISION										**GROSS ACQUISITION COST**	$ -	$ 200,000	$ 600,000	$ 600,000	$ 300,000
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	(83,852)	(129,686)	(135,790)	(106,037)
										NET EQUIPMENT SINKING FUND TOTAL	$ -	$ 116,148	$ 470,314	$ 464,210	$ 193,963

a. This vehicle is scheduled to be replaced in 2021.
b. This vehicle will not be replaced.

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
	REFUSE COLLECTION														
423	2009 Int'l 7400 Rear Loader		06/11/09	151,775	83,521	85,000	5	2022	2022	N/A	250,000				

PROJECT NO: H2201

PROJECT TITLE: Annual Street Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 1,162,916	$ 1,772,916	$ 1,795,000	$ 2,145,000	$ 2,145,000	$ 9,020,832
*Prior Authorized Balance:	$ 288,759	$ -	$ -	$ -	$ -	$ 288,759
2022-2026 Funding:	**$ 1,451,675**	**$ 1,772,916**	**$ 1,795,000**	**$ 2,145,000**	**$ 2,145,000**	**$ 9,309,591**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	15
Est. Total Cost:	$ 9,309,591
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 9,309,591

[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:	3063006.9960	$ 9,309,591
TOTAL PROJECT COST		$ 9,309,591

[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.

2021 Update: 2020 work was postponed and all current and reserve funding was moved to 2022. MSA, Bond Issues, and CTF funding was moved to 2021. Email confirmation that MSA and CTF can be rolled up to 3 years to allow for larger projects. Need to confirm if Bond/Loans will still be used or if we will eliminate that funding and lower the total available funding.
2022 Slight increase in MSA, start with 1.5mm

2022 Update: Possible automated pavement conditions study to reduce the subjectivity in the assessment.

*Please note 2022 "Other" funding is being budgeted conservatively at $150,000. Legislators are aiming for up to $250,000 in funding to be made available to the City of Newark for 2022.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	450,000	1,150,000	1,150,000	1,500,000	1,500,000	$ 5,750,000
CAPITAL RESERVES	-	-	-	$ -	288,759	-	-	-	-	$ 288,759
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS MSA (Updated 2018)	-	-	-	$ -	562,916	562,916	585,000	585,000	585,000	$ 2,880,832
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER CTF	-	-	-	$ -	150,000	60,000	60,000	60,000	60,000	$ 390,000
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,451,675**	**$ 1,772,916**	**$ 1,795,000**	**$ 2,145,000**	**$ 2,145,000**	**$ 9,309,591**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H2202

PROJECT TITLE: ADA Accessibility Transition Plan

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 162,278	$ 166,441	$ 175,000	$ 175,000	$ 175,000	$ 853,719
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 162,278**	**$ 166,441**	**$ 175,000**	**$ 175,000**	**$ 175,000**	**$ 853,719**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	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:	$ 853,719
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 853,719

[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	$ 4,124
Materials:	1191196.9621	$ 168,930
Other Contracts:	3063006.9760	$ 680,665
TOTAL PROJECT COST		$ 853,719

[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, 2021, the City of Newark Handicapped Ramp count is shown below:

- ADA Compliant Ramps – 1554
- Non-ADA Compliant Ramps – 221
- Total Number of Ramps – 1775
- Locations in need of a Ramp – 2

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	141,441	150,000	150,000	150,000	$ 591,441
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS CDBG	-	-	-	$ -	24,100	25,000	25,000	25,000	25,000	$ 124,100
BOND ISSUES	-	-	-	$ -	138,178	-	-	-	-	$ 138,178
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 162,278**	**$ 166,441**	**$ 175,000**	**$ 175,000**	**$ 175,000**	**$ 853,719**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H2203

PROJECT TITLE: City Hall Parking Lot Rehabilitation

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 525,000	$ -	$ -	$ -	$ -	$ 525,000
*Prior Authorized Balance:	$ 20,937	$ -	$ -	$ -	$ -	$ 20,937
2022-2026 Funding:	**$ 545,937**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 545,937**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	Inclusive Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	$ 545,937
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 545,937

[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	$ 50,937
Materials:	3063006.9622	$ 495,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 545,937

[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 parking lot at City Hall was originally budgeted for repaving in the early 2000's, this project has been delayed for nearly 20 years. It is difficult to see the lines, the asphalt is cracked and alligatored allowing water to infiltrate and compromise the base. Space also exists to add several spots, including the spaces that will be designated for EV charging at the end of 2021. This project would included an optimized redesign, safety review, milling, patching, paving, and striping to accomplish the goal of efficiently using the space available to us.

In addition to the above, the City would be looking to add a parking lot fence to protect our Police and Alderman's Court entrances. In 2013 a security survey of police headquarters and city hall was completed by the United States Marshals Service. In their report, the US Marshals made numerous recommendations to increase security at both police headquarters and city hall. Among the identified weaknesses was the unsecured police parking lot with no barrier preventing access by the public. The report cited the ability of a potential assailant to observe police officers and Alderman Judges movement along with allowing unrestricted access to them and their vehicles and the ability to confront them as they leave the building. The report recommended the installation of a high walled security fence with key card or remote-controlled access system to prevent access by pedestrians and non-police vehicles. The report also recommended that within this security fence be parking for the City Alderman so they can access their vehicles and leave the area outside of public view. This would be accomplished by assigning the City Alderman a parking space within the enclosed parking lot on the north side of the building and adjacent to the Court 40 Corridor.

While numerous upgrades were made to city hall, the recommendations for the fenced police parking area were never implemented. As a result, our officers, police vehicles and high valued equipment are vulnerable to assault, vandalism or theft. This fence will help reduce that exposure and increase the security of our officers and equipment. Current estimate is $225,000.

Please note, in 2021 $20,937 in prior authorized reserves was transferred from H0206 to H2203.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	20,937	-	-	$ 20,937	20,937	-	-	-	-	$ 20,937
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	525,000	-	-	-	-	$ 525,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 20,937**	**$ -**	**$ -**	**$ 20,937**	**$ 545,937**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 545,937**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H2101

PROJECT TITLE: Annual Street Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	$ 1,586,738
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 1,586,738
% 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:

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.

*PRIOR AUTHORIZED "OTHER" FUNDING WAS AMENDED FROM $150,000 DOWN TO $60,000 DUE TO ACTUAL FUNDING FROM LEGISLATORS

2021 Update: 2020 work was postponed and all current and reserve funding was moved to 2022. MSA, Bond Issues, and CTF funding was moved to 2021. Email confirmation that MSA and CTF can be rolled up to 3 years to allow for larger projects. Need to confirm if Bond/Loans will still be used or if we will eliminate that funding and lower the total available funding.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS MSA (Updated 2018)	1,141,486	-	1,141,486	$ -	-	-	-	-	-	$ -
BOND ISSUES	325,252	59,750	265,502	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER CTF	120,000	-	120,000	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 1,586,738**	**$ 59,750**	**$ 1,526,988**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H2102

PROJECT TITLE: ADA Accessibility Transition Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	2021
Est. Useful Life (in years):	20
Est. Total Cost:	$ 159,736
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 159,736
% 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:**

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, 2020, the City of Newark Handicapped Ramp count is shown below:

- ADA Compliant Ramps – 1509
- Non-ADA Complaint Ramps – 264
- Total Ramps – 1773
- Locations that need ramps – 4

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS CDBG	25,000	742	24,258	$ -	-	-	-	-	-	$ -
BOND ISSUES	134,736	-	134,736	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 159,736**	**$ 742**	**$ 158,994**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H2002

PROJECT TITLE: ADA Accessibility Transition Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	2020
Est. Completion Date:	2021
Est. Useful Life (in years):	20
Est. Total Cost:	$ 135,737
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 135,737
% 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:**

ADA Accessibility Transition Plan from 2020.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	798	-	$ (798)	-	-	-	-	-	$ -
CAPITAL RESERVES	(333)	-	-	$ (333)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	131,395	131,395	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 131,062**	**$ 132,193**	**$ -**	**$ (1,131)**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H1902

PROJECT TITLE: ADA Accessibility Transition Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	2019
Est. Completion Date:	2021
Est. Useful Life (in years):	20
Est. Total Cost:	$ 128,150
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 128,150
% 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:**

ADA Accessibility Transition Plan from 2019.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(106,708)	-	-	$ (106,708)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	128,150	21,442	-	$ 106,708	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 21,442**	**$ 21,442**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H1903

PROJECT TITLE: Skid Steer Purchase

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 75,000	$ -	$ -	$ 75,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ 75,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
PROJECT LOCATION:	Field Operations Complex (FOC)
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:	2024
Est. Useful Life (in years):	N/A
Est. Total Cost:	$ 75,000
Est. Spend @ 12/31/2021 (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:

UPDATED FOR 2021 In 2020, PWWR traded a refuse vehicle to the City of New Castle in exchange for a skid steer. This unit will fulfill the needs of the department for the next few years. Funding for this equipment will be moved to 2024.

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 cycle track 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 saw cutting, 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.

2022 update - may be able to slide depending on existing equipment condition

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	75,000	-		$ 75,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ 75,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	750	750	$ 1,500

PROJECT NO: H1802

PROJECT TITLE: ADA Accessibility Transition Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	2018
Est. Completion Date:	2021
Est. Useful Life (in years):	20
Est. Total Cost:	$ 54,371
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 54,371
% 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:**

ADA Accessibility Transition Plan from 2018.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	54,371	11,308	43,063	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 54,371	$ 11,308	$ 43,063	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: H1503

PROJECT TITLE: Newark Transportation Plan Implementation

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 50,000	$ 100,000	$ 80,000	$ 80,000	$ 75,000	$ 385,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 50,000**	**$ 100,000**	**$ 80,000**	**$ 80,000**	**$ 75,000**	**$ 385,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	2025
Est. Useful Life (in years):	20
Est. Total Cost:	$ 1,515,759
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 1,130,759
% Complete (if underway):	74.6%
Balance to be funded[1]:	$ 385,000

[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	$ 385,000
TOTAL PROJECT COST		$ 385,000

[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, was completed in 2020.

Funding remains in the out years in order to take advantage of grant opportunities, we are assuming part of the funds would be to match grant funding and part would be for small one-off projects. Grants are typically available from the State and Federal level. BikeNewark has been an asset to identifying grant opportunities.

Safe Routes To School upgrades for Downes School on Casho Mill Road (SRTS) is likely to be completed in 2021.

2022 update: A grant was awarded to Newark to study the Wyoming Road corridor and provide recommendation for upgrades, which would be implemented with future funding.

*Please note, $15,000 in Grant funding was received from the Delaware Bicycle Council and added to this project in 2021.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	50,000	30,000	30,000	75,000	$ 185,000
CAPITAL RESERVES	111,759	-	111,759	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS Delaware Bicycle Council, etc.	15,000	-	15,000	$ -	50,000	50,000	50,000	50,000	-	$ 200,000
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER DelDOT	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 126,759**	**$ -**	**$ 126,759**	**$ -**	**$ 50,000**	**$ 100,000**	**$ 80,000**	**$ 80,000**	**$ 75,000**	**$ 385,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: HEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 85,000	$ 635,000	$ 350,000	$ 150,000	$ -	$ 1,220,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 85,000**	**$ 635,000**	**$ 350,000**	**$ 150,000**	**$ -**	**$ 1,220,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
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:	$ 1,747,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 527,000
% Complete (if underway):	30.2%
Balance to be funded[1]:	$ 1,220,000

[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	$ 1,220,000
TOTAL PROJECT COST		$ 1,220,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	100,155	80,120	20,035	$ -	24,712	250,646	188,015	43,500	-	$ 506,873
CAPITAL RESERVES	-	-	-	$ -					-	$ -
EQUIPMENT REPLACEMENT	95,845	95,845	-	$ -	60,288	384,354	161,985	106,500	-	$ 713,127
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	336,653	336,653	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 532,653**	**$ 512,618**	**$ 20,035**	**$ -**	**$ 85,000**	**$ 635,000**	**$ 350,000**	**$ 150,000**	**$ -**	**$ 1,220,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, STREET DIVISION

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	FOREMAN'S TRUCK														
515	2013 Ford F150 Pickup 4x4		06/28/13	19,994	58,097	95,000	10	2023	2023	19,994		45,000			
	SIGNS & PAINTING														
551	2012 Ford F450 Stake Truck		01/20/12	50,759	78,183	100,500	8	2020	2022	50,759	60,000				
	DUMP TRUCKS														
522	2015 Ford F650		07/31/15	106,500	15,295	75,000	10	2025	2025	106,500				150,000	
523	2012 Int'l 7400 SBA		10/14/11	161,985	27,710	75,000	7	2018	2023	161,985		260,000			
542	2017 Ford F350 Super Duty/Dump Body		11/27/17	53,746	8,655	85,000	10	2027	2027	53,746					
550	2004 Int'l 7400 Dump Truck	a.	11/21/03	95,845	75,474	75,000	10	2013	2021	95,845					
553	2013 Int'l 7400 Dump Truck/Swap Loader	c.	03/28/13	161,985	25,270	80,000	10	2023	2024	161,985			350,000		
	OTHER EQUIPMENT														
502	1984 Ingersoll Air Compressor		02/13/85	9,529	--	--	--	--	2022	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	--	--	--	--	--	-					
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		90,000			
527	2013 ODB Leaf Loader 20CY		03/28/13	55,000	--	--	10	2023	2023	55,000		90,000			
531	2018 Case 621G Wheel Loader		06/01/18	165,031	1,503	--	10	2018	2028	165,031					
TOTAL STREET DIVISION										**GROSS ACQUISITION COST**	**$ 85,000**	**$ 635,000**	**$ 350,000**	**$ 150,000**	**$ -**
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	(24,712)	(250,646)	(188,015)	(43,500)	-
										NET EQUIPMENT SINKING FUND TOTAL	**$ 60,288**	**$ 384,354**	**$ 161,985**	**$ 106,500**	**$ -**

a. This vehicle is scheduled to be replaced in 2021.
c. This vehicle is the second swaploader - funds from 508 and 509 (not to be replaced) were used to purchase in 2013.
d. This vehicle will not be replaced - its replacement funds were used as part of the second swap loader replacement (vehicle 553)

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
	STAFF VEHICLES														
510	2020 Monster 25YD Leaf Loader		08/25/21	75,797	--	--	5	2027	2027	N/A					
528	2021 Int'l HV507 SFA 6x4 Swap Loader Truck		08/25/21	260,856	1,113	80,000	5	2027	2027	N/A					
554	2004 Int'l 7400 Dump Truck		11/21/03	95,845	76,982	60,000	5	2022	2022	N/A	225,000				

PROJECT NO: T2201

PROJECT TITLE: Survey Equipment Purchase

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 25,000	$ -	$ -	$ -	$ -	$ 25,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Engineering
FUND:	Capital Projects
PROJECT LOCATION:	City Hall
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	10
Est. Total Cost:	$ 25,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 25,000

[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:	3063006.9760	$ 25,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 25,000

[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 of new GPS survey equipment for our Engineering staff. This equipment allows us to connect to satellites and conduct boundary, location, and topographic surveys with one person rather than a traditional 2 person team. The current unit is obsolete and out of service due to lack of support for 3G devices.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	25,000	-	-	-	-	$ 25,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: TEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 35,000	$ -	$ 50,000	$ -	$ 85,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 35,000**	**$ -**	**$ 50,000**	**$ -**	**$ 85,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Engineering
FUND:	Capital Projects
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:	$ 85,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 85,000

[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	$ 85,000
TOTAL PROJECT COST		$ 85,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	13,194	-	19,022	-	$ 32,216
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	21,806	-	30,978	-	$ 52,784
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 35,000**	**$ -**	**$ 50,000**	**$ -**	**$ 85,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, ENGINEERING DIVISION

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
714	2015 Ford F350 SD Pickup Truck		11/30/14	30,978	19,743	85,000	10	2025	2025	30,978				50,000	
735	2019 Ram 1500 Classic Tradesman		07/26/19	19,024	9,920	80,000	10	2029	2029	19,024					
	INSPECTORS														
700	2019 Chevrolet Equinox AWD		06/07/19	22,122	4,822	65,000	10	2029	2029	22,122					
711	2019 Ram 1500 Classic Tradesman		07/29/19	19,024	7,625	80,000	10	2029	2029	19,024					
748	2017 Ford F150 Pickup Truck		08/04/17	20,832	17,497	60,000	10	2027	2027	20,832					
	SURVEY VAN														
746	2013 Ford Van Transit Connect		08/30/13	21,806	19,799	99,000	10	2023	2023	21,806		35,000			
TOTAL ENGINEERING DIVISION										**GROSS ACQUISITION COST**	$ -	$ 35,000	$ -	$ 50,000	$ -
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	(13,194)	-	(19,022)	-
										NET EQUIPMENT SINKING FUND TOTAL	$ -	$ 21,806	$ -	$ 30,978	$ -

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

CAPITAL PROJECTS FUND - POLICE DEPARTMENT

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 220,640	$ 509,071	$ 709,224	$ 188,372	$ 490,089	$ 2,117,396
*Prior Authorized Balance:	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000
2022-2026 Funding:	$ 252,640	$ 509,071	$ 709,224	$ 188,372	$ 490,089	$ 2,149,396

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
C2201	Police Handgun Upgrade	B	$ -	$ -	$ 66,153	$ 66,153	$ -	$ -	$ -	$ -	66,153
C2204	Police Motorcycle Computer Upgrade	D	-	-	23,426	23,426	-	-	-	-	23,426
C2205	Portable Radio Replacement	B	-	-	33,649	33,649	25,500	26,265	27,050	27,865	140,329
C1903	NPD Ethernet Rewiring Project	D	-	32,000	-	32,000	-	-	-	-	32,000
C1904	Body Worn Camera Project	B	68,268	-	-	-	-	-	-	-	-
C1601	Taser X26P Replacement	B	23,516	24,692	-	24,692	25,927	27,223	28,584	30,013	136,439
C1401	Ballistic Vests	B	27,554	12,720	-	12,720	7,644	15,736	12,738	32,211	81,049
CEQSF	Equipment Replacement Program	B	295,550	60,000	-	60,000	450,000	640,000	120,000	400,000	1,670,000
Total General Fund - Police Department			**$ 414,888**	**$ 129,412**	**$ 123,228**	**$ 252,640**	**$ 509,071**	**$ 709,224**	**$ 188,372**	**$ 490,089**	**$ 2,149,396**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 414,888	$ 129,412	$ 123,228	$ 252,640	$ 509,071	$ 709,224	$ 188,372	$ 490,089	$ 2,149,396
	LESS: USE OF RESERVES		-	(32,000)	-	(32,000)	-	-	-	-	(32,000)
	VEHICLE & EQUIPMENT REPLACEMENT		(141,180)	(97,412)	-	(97,412)	(321,134)	(461,546)	(117,296)	(265,836)	(1,263,224)
	GRANTS		(128,154)	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	-	-	-	-	-	-	-	-
	OTHER FINANCING SOURCES		(16,888)	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ 128,666	$ -	$ 123,228	$ 123,228	$ 187,937	$ 247,678	$ 71,076	$ 224,253	$ 854,172

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

PROJECT NO: C2201

PROJECT TITLE: Police Handgun Upgrade

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 66,153	$ -	$ -	$ -	$ -	$ 66,153
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 66,153**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 66,153**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
PROJECT LOCATION:	Police Station
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	10
Est. Total Cost:	$ 66,153
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 66,153

[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:	3063006.9760	$ 66,153
Other Contracts:		$ -
TOTAL PROJECT COST		$ 66,153

[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 2013, NPD updated the issued handgun to the Sig Sauer P229, .40 caliber handgun for all officers. Current industry best practice dictates that police officers should update handgun platforms every five to seven years. The initial plan was to upgrade to the Sig Sauer P320, 9mm platform with the Romeo1 Pro optic for half of the department in 2021 with the remaining weapons to be purchased in 2022 via the CIP. These plans were put on hold due to funding limitations produced by the Covid-19 pandemic.

The switch to 9mm handgun from .40 caliber platform would result in several benefits. The 9mm round will have significantly less recoil resulting in a faster secondary shot target acquisition, which is critical. Additionally, the recoil reduction has proven to benefit small handed or weaker shooters to more effectively and accurately shoot the weapon. Lastly, current market prices are less for the 9mm round as compared to the .40 caliber round.

In 2020, NPD was able to acquire grant funding to purchase twenty Sig Sauer P320, 9mm handguns with the Romeo1 Pro optic for SWAT operators and firearms instructors. The remaining fifty-two officers are still issued the Sig Sauer P229, .40 caliber handgun.

The completion of the transition to the Sig Sauer P320, 9mm in 2022 is critical for several reasons. NPD has limited .40 caliber ammunition left and a delay in the transition would require us to purchase more .40 caliber ammunition at an increased price. Second, having two different weapon systems and two different calibers in use is not ideal and limits tactical options during a critical incident. Lastly, the initial transition to the P320 has been a success with improved accuracy, speed, and ease of use for the officers.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	66,153	-	-	-	-	$ 66,153
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 66,153**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 66,153**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: C2204

PROJECT TITLE: Police Motorcycle Computer Upgrade

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 23,426	$ -	$ -	$ -	$ -	$ 23,426
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 23,426**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 23,426**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
PROJECT LOCATION:	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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	4
Est. Total Cost:	$ 23,426
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 23,426

[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:	3063006.9860	$ 1,500
Materials:	3063006.9760	$ 21,926
Other Contracts:		$ -
TOTAL PROJECT COST		$ 23,426

[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 currently utilizes ruggedized Dell tablet computers and mounts on all three police motorcycles. The existing tablets are more than four years old and are presenting issues as they reach the end of their life. This project is to replace the current computers with the Panasonic Toughbook ruggedized laptop computers along with a compatible computer mount from Precision Mounting Technologies. Both the Toughbook computers and mounting system are utilized by local police motor units with tremendous success. New computers will allow for more efficient traffic enforcement operations with less down time from recurring issues experienced with the existing computers. This project reflects the purchase of four computers assuming that a fourth NPD motorcycle is added during late 2021. The total cost includes four Panasonic Toughbook computers ($4112/ea), four Precision Mounting Technologies laptop mounts ($1,244.50/ea) and installation ($500/ea).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	23,426	-	-	-	-	$ 23,426
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 23,426**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 23,426**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: C2205

PROJECT TITLE: Portable Radio Replacement

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 33,649	$ 25,500	$ 26,265	$ 27,050	$ 27,865	$ 140,329
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 33,649**	**$ 25,500**	**$ 26,265**	**$ 27,050**	**$ 27,865**	**$ 140,329**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
PROJECT LOCATION:	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:	2022
Est. Completion Date:	2027
Est. Useful Life (in years):	10
Est. Total Cost:	$ 140,329
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 140,329

[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:	3063006.9760	$ 112,265
Other Contracts:	3063006.9960	$ 28,064
TOTAL PROJECT COST		$ 140,329

[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 currently has an aging supply of portable police radios. These radios are issued to every officer within the department and are critical to safe and effective police operations. We currently have seven (7) Motorola XTS 5000 police radios issued to officers. These radios are between 13 and 15 years old. These radios are considered obsolete and Motorola no longer carries parts or services them. We also thirty (30) Motorola XTS 2500 radios that are issued to officers. These radios are 10 years old and while while parts are still available in some circumstances, Motorola no longer services these radios. All remaining officers are issued the Motorola APX 6000 radio, the latest generation radio. These radios are currently $4,807.05/ea. Our plan is to replace the oldest seven (7) radios in 2022 and then replace five (5) XTS 2500 radios per year. 2022 to 2026 cost estimates reflect a 3% per year price increase.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	33,649	25,500	26,265	27,050	27,865	$ 140,329
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 33,649**	**$ 25,500**	**$ 26,265**	**$ 27,050**	**$ 27,865**	**$ 140,329**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: C1903

PROJECT TITLE: NPD Ethernet Rewiring Project

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ 32,000	$ -	$ -	$ -	$ -	$ 32,000
2022-2026 Funding:	**$ 32,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 32,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
PROJECT LOCATION:	Police 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:	2019
Est. Completion Date:	2022
Est. Useful Life (in years):	N/A
Est. Total Cost:	$ 32,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 32,000

[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:	3063026.9622	$ 32,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 32,000

[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 network cabling within the Police Department (CAT5) does not meet current cabling standards (CAT6). The number of network locations are not adequate for current staffing needs as well as these locations are not ideally suited for current office layout. Multiple cables have been extended and spliced together to accomplish new needs within the department.

It is IT's recommendation that an over-haul of the cabling occur in 2022 with a consolidated data closet installed. This project is similar to what the Municipal Building undertook to achieve the same improvements.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	32,000	-	-	$ 32,000	32,000	-	-	-	-	$ 32,000
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 32,000**	**$ -**	**$ -**	**$ 32,000**	**$ 32,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 32,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: C1904

PROJECT TITLE: Body Worn Camera Project

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
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:	2021
Est. Useful Life (in years):	7.5
Est. Total Cost:	$ 252,194
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 252,194
% 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:

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 implementating 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	68,268	-	68,268	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	93,926	-	93,926	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS Federal	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 162,194**	**$ -**	**$ 162,194**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: C1601

PROJECT TITLE: Taser X26P Replacement

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 24,692	$ 25,927	$ 27,223	$ 28,584	$ 30,013	$ 136,439
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 24,692**	**$ 25,927**	**$ 27,223**	**$ 28,584**	**$ 30,013**	**$ 136,439**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
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:	$ 159,955
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 23,516
% Complete (if underway):	14.7%
Balance to be funded[1]:	$ 136,439

[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	$ 136,439
Other Contracts:		$ -
TOTAL PROJECT COST		$ 136,439

[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. The estimated cost for each taser and holster for 2021 will be $1,679.71/ea. Our plan is to replace 14 tasers per year.

2022 to 2026 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	23,516	22,526	990	$ -	24,692	25,927	27,223	28,584	30,013	$ 136,439
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 23,516**	**$ 22,526**	**$ 990**	**$ -**	**$ 24,692**	**$ 25,927**	**$ 27,223**	**$ 28,584**	**$ 30,013**	**$ 136,439**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: C1401

PROJECT TITLE: Ballistic Vests

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 12,720	$ 7,644	$ 15,736	$ 12,738	$ 32,211	$ 81,049
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 12,720**	**$ 7,644**	**$ 15,736**	**$ 12,738**	**$ 32,211**	**$ 81,049**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
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:	$ 118,076
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 37,027
% Complete (if underway):	31.4%
Balance to be funded[1]:	$ 81,049

[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	$ 81,049
Other Contracts:		$ -
TOTAL PROJECT COST		$ 81,049

[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. Twelve (12) vests expire in 2022, seven (7) vests expire in 2023, fourteen (14) vests expire in 2024, eleven (11) vests expire in 2025 and twenty seven (27) vests expire in 2026. The current ballistic vest package costs $1,029 on the Delaware State Contract #GSS16585 and 2022 to 2026 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	9,473	-	9,473	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	27,554	25,722	1,832	$ -	12,720	7,644	15,736	12,738	32,211	$ 81,049
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 37,027**	**$ 25,722**	**$ 11,305**	**$ -**	**$ 12,720**	**$ 7,644**	**$ 15,736**	**$ 12,738**	**$ 32,211**	**$ 81,049**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: CEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 60,000	$ 450,000	$ 640,000	$ 120,000	$ 400,000	$ 1,670,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 60,000**	**$ 450,000**	**$ 640,000**	**$ 120,000**	**$ 400,000**	**$ 1,670,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Police
DIVISION:	Police
FUND:	Capital Projects
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:	$ 1,912,094
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 295,550
% Complete (if underway):	15.5%
Balance to be funded[1]:	$ 1,616,544

[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	$ 1,670,000
TOTAL PROJECT COST		$ 1,670,000

[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 two pages for the Vehicle Replacement Program Schedule (2022-2026).

***Additionally, please note the 2021 figures for both expenditures and funding has been amended for the purchase of two vehicles and were increased by $128,154.00 and for the purchase of two motorcyles and were increased by $21,160 of current resources. Funding will come from the US DOJ Equitable Federal Sharing Program.**

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	60,398		60,398	$ -	-	162,437	221,413	44,026	196,388	$ 624,264
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	90,110	73,991	16,119	$ -	60,000	287,563	418,587	75,974	203,612	$ 1,045,736
GRANTS US DOJ Equitable Federal Sharing Program	128,154	-	128,154	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER Donation	16,888	-	16,888	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 295,550**	**$ 73,991**	**$ 221,559**	**$ -**	**$ 60,000**	**$ 450,000**	**$ 640,000**	**$ 120,000**	**$ 400,000**	**$ 1,670,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
POLICE DEPARTMENT PAGE 1 OF 2

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
912	2020 Ford Explorer Police Interceptor		10/01/20	37,221	3,227	50,000	7	2020	2027	37,221					
994	2019 Chevrolet Impala		04/30/19	23,826	19,084	75,000	5	2024	2024	23,826			60,000		
	PATROL														
905	2019 Ford Explorer Police Interceptor		07/03/19	46,406	29,376	75,000	5	2024	2024	46,406			60,000		
906	2021 Ford Explorer Police Interceptor		08/25/21	36,985	--	50,000	5	2021	2027	36,985					
907	2019 Ford Explorer Police Interceptor		07/03/19	46,331	32,074	75,000	5	2024	2024	46,331			60,000		
908	2019 Ford Explorer Police Interceptor		07/03/19	44,431	17,438	90,000	7	2026	2026	44,431					75,000
909	2018 Chevy Tahoe PPV Patrol SUV 4x4		06/22/18	47,309	51,746	120,000	5	2024	2024	47,309			60,000		
910	2019 Ford Explorer Police Interceptor		07/03/19	46,331	28,976	110,000	5	2024	2024	46,331			60,000		
918	2017 Chevy Tahoe PPV Patrol SUV 4x4		06/22/17	47,942	66,845	75,000	5	2023	2023	47,942		65,000			
925	2017 Chevy Tahoe PPV Patrol SUV 4x4		06/22/17	47,942	69,269	75,000	5	2023	2023	47,942		65,000			
926	2018 Chevy Tahoe PPV Patrol SUV 4x4		06/22/18	47,309	45,486	75,000	5	2024	2024	47,309			60,000		
928	2017 Chevy Tahoe PPV Patrol SUV 4x4		06/22/17	47,662	76,999	75,000	5	2023	2023	47,662		65,000			
934	2017 Chevy Tahoe PPV Patrol SUV 4x4		06/22/17	37,987	40,792	75,000	7	2025	2025	37,987				60,000	
935	2018 Chevy Tahoe PPV Patrol SUV 4x4		06/22/18	47,309	52,707	75,000	5	2024	2024	47,309			60,000		
936	2017 Chevy Tahoe PPV Patrol SUV 4x4		07/18/17	38,432	46,000	75,000	5	2023	2023	38,432		65,000			
	ADMINISTRATION														
937	2006 Ford E350 Van		12/08/06	78,599	25,655	15,000	10	2016	2022	78,599	60,000				
938	2005 Ford Excursion	b.	01/28/08	--	52,000	--	--	--	--	-					
942	2014 Chevy Silverado 1500 (Seizure)	b.	01/12/18	25,000	73,578	--	--	--	--	-					
993	2012 Chrysler 300 (Seizure)	b.	--	--	110,719	--	--	--	--	-					
998	2008 Chevy Mobile Command Center	b.	07/31/09	197,920	2,586	--	--	--	--	197,920					

(Continued on next page)

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
POLICE DEPARTMENT PAGE 2 OF 2

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	CRIMINAL														
921	2016 Chevy Impala		06/22/16	22,463	26,727	65,000	10	2026	2026	22,463					70,000
922	2017 Chevy Impala		06/05/17	12,436	24,672	65,000	7	2024	2024	12,436			60,000		
927	2020 Ford Explorer Police Interceptor		10/01/20	39,642	3,965	50,000	10	2020	2030	39,642					
929	2019 Ford Explorer Police Interceptor		07/03/19	44,140	11,055	100,000	5	2024	2024	44,140			60,000		
932	2004 Ford E350 15 Passenger Van		03/19/04	19,307	19,880	75,000	10	2014	2023	19,307		60,000			
940	2017 Chevy Impala		06/19/17	12,436	25,618	65,000	7	2024	2024	12,436			40,000		
990	2004 Chevy Silverado 1500 (Seizure)	b.	05/03/07	2,723	171,832	--	--	--	--	2,723					
992	2013 Ford E-450 Box Truck	b.	--	--	8,523	--	--	--	--	-					
	SPECIAL ENFORCEMENT														
900	2021 Ford Explorer Police Interceptor		08/25/21	35,439	55	50,000	5	2021	2027	35,439					
901	2021 Harley Motorcycle		09/24/21	26,728	172	80,000	10	2021	2031	26,728					
902	2016 Harley Motorcycle		07/20/16	26,047	7,853	80,000	10	2026	2026	26,047					40,000
903	2021 Harley Motorcycle		09/24/21	26,728	128	80,000	10	2021	2031	24,652					40,000
904	2016 Harley Motorcycle		07/20/16	24,652	8,555	80,000	10	2026	2026	24,652					40,000
915	2018 Chevy Tahoe PPV Patrol SUV 4x4		06/22/18	44,754	15,362	110,000	5	2024	2024	44,754			60,000		
917	2016 Chevy Silverado 1500 4x4		08/05/16	37,401	22,314	75,000	7	2023	2023	37,401		65,000			
930	2016 Chevy Tahoe PPV Patrol SUV 4x4		05/26/16	48,877	32,210	80,000	7	2023	2023	48,877		65,000			
939	2017 Chevy Tahoe PPV Patrol SUV 4x4 (K-9)		06/22/17	37,987	53,073	80,000	7	2025	2025	37,987				60,000	
941	2020 Dodge Ram 1500 Crew Cab 4x4		09/04/20	33,143	349	80,000	5	2020	2026	33,143					75,000
991	2020 Dodge Ram 1500 Quad Cab 4x4		09/04/20	28,224	3,720	80,000	5	2020	2026	28,224					60,000
TOTAL POLICE DEPARTMENT										**GROSS ACQUISITION COST**	**$ 60,000**	**$ 450,000**	**$ 640,000**	**$ 120,000**	**$ 400,000**
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	(162,437)	(221,413)	(44,026)	(196,388)
										NET EQUIPMENT SINKING FUND TOTAL	**$ 60,000**	**$ 287,563**	**$ 418,587**	**$ 75,974**	**$ 203,612**

b. This vehicle will not be replaced.

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
	STAFF VEHICLES														
911	2012 Chevy Impala		06/08/12	21,534	53,947	65,000	5	2022	2022	N/A	55,000				
913	2013 Chevy Impala		08/09/13	22,644	52,490	65,000	5	2022	2022	N/A	55,000				
920	2011 Ford Crown Victoria Sedan		07/22/11	24,414	63,378	75,000	5	2022	2022	N/A	55,000				
	SPECIAL ENFORCEMENT														
914	2015 Chevy Tahoe PPV Patrol SUV 4x4		08/03/15	31,840	58,928	85,000	5	2022	2022	N/A	60,000				
924	2013 Chevy Caprice PPV Patrol		06/28/13	32,854	62,681	65,000	5	2023	2023	N/A		65,000			
	PATROL														
923	2017 Chevy Tahoe PPV Patrol SUV 4x4		06/22/17	48,546	69,986	75,000	5	2023	2023	N/A		65,000			
931	2015 Chevy Tahoe PPV Patrol SUV 4x4		09/22/15	33,834	52,375	75,000	5	2023	2023	N/A		65,000			

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

CAPITAL PROJECTS FUND - PARKS AND RECREATION DEPARTMENT

FUNDING SUMMARY

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 2,027,000	$ 1,154,213	$ 778,600	$ 300,468	$ 483,000	$ 4,743,281
*Prior Authorized Balance:	$ 41,275	$ -	$ 6,400	$ 1,532	$ -	$ 49,207
2022-2026 Funding:	**$ 2,068,275**	**$ 1,154,213**	**$ 785,000**	**$ 302,000**	**$ 483,000**	**$ 4,792,488**

*Prior Authorized Balance includes 2021 carryover funding only.

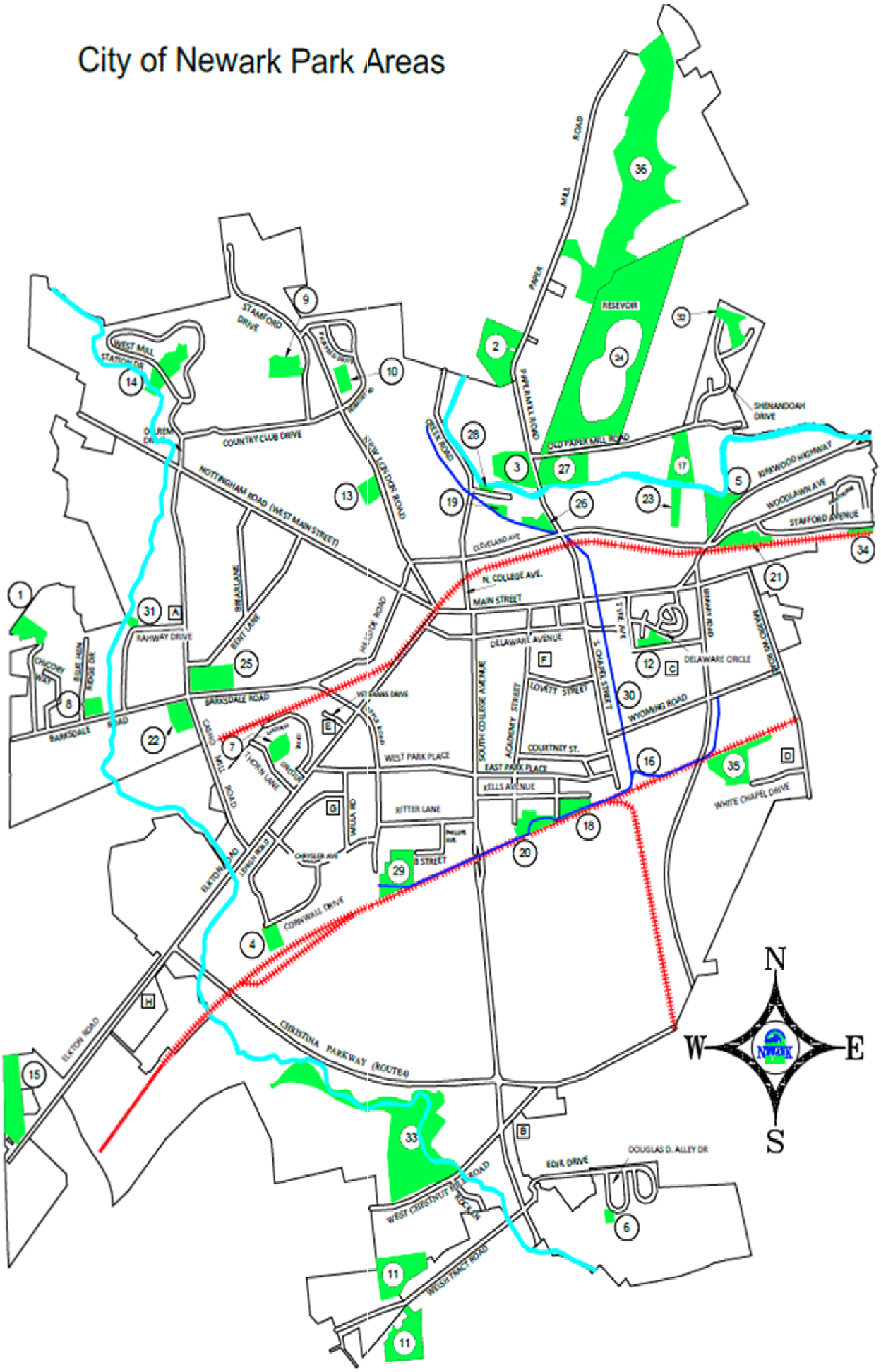
PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
K2201	Kubota Mule	D	$ -	$ -	$ -	$ -	$ 15,500	$ -	$ -	$ -	15,500
K2202	Dickey Park Improvements	C	-	-	-	-	50,000	400,000	-	-	450,000
K2203	Dickey and George Wilson Center Pool Resurfacing	C	-	-	20,000	20,000	20,000	-	-	-	40,000
K2205	George Wilson Center School Hill History Display	C	-	-	-	-	20,000	-	-	-	20,000
K2206	Wi-Fi in Parks	D	-	-	-	-	53,713	-	-	-	53,713
K2001	Park Signage	D	70,000	-	-	-	-	-	-	-	-
K2002	Olan Thomas Sidewalk Improvement	C	-	-	-	-	120,000	-	-	-	120,000
K2003	Handloff Park Trail	D	-	-	-	-	200,000	-	-	-	200,000
K2004	Facilities Accessibilty (ADA Compliance)	C	45,000	-	30,000	30,000	30,000	30,000	20,000	20,000	130,000
K2005	Track Loader/Mini-Skid Steerer	D	-	-	-	-	-	36,000	-	-	36,000
K1704	Lumbrook Park Pavilion	C	-	41,275	-	41,275	-	-	-	-	41,275
K1705	Preston's Playground and Utility Lines	C	-	-	-	-	-	-	-	-	-
K1601	Charles Emerson Bicycle/Pedestrian Bridge	B	1,862,650	-	-	-	-	-	-	-	-
K1605	Redd Park Trail Improvements	C	-	-	-	-	-	32,000	30,000	-	62,000
K1501	Iron Glen Park Master Plan	C	-	-	-	-	50,000	-	-	-	50,000
K1301	Hard Surface Facilities Improvements	B	186,900	377,000	-	377,000	154,000	202,000	177,000	197,000	1,107,000
K1202	Kershaw Park Improvements	C	-	-	-	-	200,000	-	-	-	200,000
K1203	Old Paper Mill Park Improvements	C	91,238	1,500,000	-	1,500,000	-	-	-	-	1,500,000
K0908	Children's Play Equipment	C	40,000	-	40,000	40,000	56,000	60,000	40,000	56,000	252,000
KEQSF	Equipment Replacement Program	D	40,000	55,661	4,339	60,000	185,000	25,000	35,000	210,000	515,000
Total General Fund - Parks and Recreation Department			**$ 2,335,788**	**$ 1,973,936**	**$ 94,339**	**$ 2,068,275**	**$ 1,154,213**	**$ 785,000**	**$ 302,000**	**$ 483,000**	**$ 4,792,488**

PLANNED FINANCING SOURCES

GROSS CAPITAL IMPROVEMENTS	$ 2,335,788	$ 1,973,936	$ 94,339	$ 2,068,275	$ 1,154,213	$ 785,000	$ 302,000	$ 483,000	$ 4,792,488
LESS: USE OF RESERVES	(454,418)	(41,275)	-	(41,275)	-	(6,400)	(1,532)	-	(49,207)
VEHICLE & EQUIPMENT REPLACEMENT	(24,950)	(55,661)	-	(55,661)	(133,112)	(24,947)	(23,223)	(120,397)	(357,340)
GRANTS	(1,374,520)	-	-	-	(100,000)	(25,600)	(24,000)	-	(149,600)
BOND ISSUES	(186,900)	(312,000)	-	(312,000)	-	-	-	-	(312,000)
AMERICAN RESCUE PLAN ACT	-	(1,565,000)	-	(1,565,000)	(250,000)	(400,000)	-	-	(2,215,000)
OTHER FINANCING SOURCES	(210,000)	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	$ 85,000	$ -	$ 94,339	$ 94,339	$ 671,101	$ 328,053	$ 253,245	$ 362,603	$ 1,709,341

* 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 PARKLAND AREAS

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

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 Country Hills Dr.	1	5.7									•								
COVERDALE 371 Paper Mill Rd.	2	16.8									•						•		
CURTIS MILL 225 Paper Mill Rd.	3	7							•		•	•					•		
DEVON 46 Cornwall Dr.	4	4.6					•		•										
DOROTHY P. MILLER 111 Capitol Trail	5	7.28									•						•		
DOUGLAS D. ALLEY 420 Douglas D Alley Drd	6	.9					•		•										
EDNA C. DICKEY 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		•		•										
FOLK PARK 98 Welsh Tract Rd.	11	34.6	1*		*1	1	•		•		•	•				1			
GEORGE READ 315 Delaware Cir.	12	2.8			*1	1	•		•			•							
GEORGE WILSON CENTER 303 New London Rd.	13	4.8	1		1	1	•	1	•	•		•	•		•	1			
HIDDEN VALLEY 120 W Mill Station Dr.	14	6.5			*1		•				•						•		
IRON GLEN, Elkton Rd.	15	12.4	Future Development																
JAMES F. HALL TRAIL	16	1.76									•	•							
KARPINSKI 345 Old Paper Mill Rd.	17	8.0									•						•		•
KELLS 201 Kells Ave	18	5.2		1	2	1	•		•		•	•	•	•					
KERSHAW 197 Paper Mill Rd.	19	2.0	2*								•						•		
LEWIS 727 Academy St.	20	4.2	2				•		•		•	•	•						
LUMBROOK 100 Woodlawn Ave.	21	5.9	2		2	1	•		•			•	•						
LEROY C. HILL Barksdale & 1001 Casho Mill Rd.	22	6.3				1						•							
MCKEES 100 McKees Ln.	23	4.0			1		•		•				•				•		
NEWARK RESERVOIR Old Paper Mill Rd.	24	113									•	•							
NORMA B. HANDLOFF 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					•										•		
RIDGEWOOD GLEN Shenandoah Dr.	32	12.4					•				•								
RITTENHOUSE 228 West Chestnut Hill Rd.	33	45.9					•		•		•	•	•				•		
STAFFORD 420 Stafford Ave.	34	1.8					•											•	
WHITE CHAPEL 300 White Chapel Rd.	35	10			1		•		•				•						
WM M REDD, JR 500 Paper Mill Rd.	36	68.5					•				•	•							

OTHER FACILITIES USED FOR PROGRAMS

A. DOWNES SCHOOL
220 Casho 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 Patriot Way

PROJECT NO: K2201

PROJECT TITLE: Kubota Mule

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 15,500	$ -	$ -	$ -	$ 15,500
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 15,500**	**$ -**	**$ -**	**$ -**	**$ 15,500**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	10
Est. Total Cost:	$ 15,500
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 15,500

[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:	3063006.9620	$ 15,500
TOTAL PROJECT COST		$ 15,500

[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:

One time purchase of a Kubota Mule. It will be utilized for trail improvements, loading tree removal and construction supplies throughout the 17 miles of trails and hard to reach wooded areas and snow removal from sidewalks and trails. With the addition of the Elkton Road trail, the Rodney Project trail and potential Old Paper Mill Park trail these will add an additional 2 miles to the trail system to maintain. This versatile piece of equipment is mobile enough to get into the more difficult areas of our parks and trails system.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	15,500	-	-	-	$ 15,500
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 15,500**	**$ -**	**$ -**	**$ -**	**$ 15,500**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

K2201: Kubota Mule

Supporting Documentation - Page 1



PROJECT NO: K2202

PROJECT TITLE: Dickey Park Improvements

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 50,000	$ 400,000	$ -	$ -	$ 450,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 50,000**	**$ 400,000**	**$ -**	**$ -**	**$ 450,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	Healthy & Active Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2024
Est. Useful Life (in years):	20
Est. Total Cost:	$ 450,000
Est. Spend @ 12/31/2021 (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:		$ -
Materials:		$ -
Other Contracts:	3063006.9622	$ 450,000
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:

Edna C. Dickey Park is located at 60 Madison Drive, Newark, Delaware. Constructed in 1963, Dickey Park is located off Madison Drive and Thorn Lane and is comprised of 8.2 acres. The park needs to be updated to meet with current trends including a paved walking trail around the park, updating the pavilions and handicap accessible pathways throughout the park. The park is one of our most active parks with many youth and adults utilizing the amenities.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	50,000	400,000	-	-	$ 450,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ 400,000**	**$ -**	**$ -**	**$ 450,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NO: K2203

PROJECT TITLE: Dickey and George Wilson Center Pool Resurfacing

PROJECT STATUS: New Project

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 20,000	$ 20,000	$ -	$ -	$ -	$ 40,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 20,000**	**$ 20,000**	**$ -**	**$ -**	**$ -**	**$ 40,000**

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
PROJECT LOCATION:	City 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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	10
Est. Total Cost:	$ 40,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 40,000

[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	$ 40,000
TOTAL PROJECT COST		$ 40,000

[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:

Dickey Park pool just off of Madison Drive and the George Wilson Center pool both need new plaster surfacing. The plaster is separating in many areas from the concrete in the base of the pools and cracking in many areas around the pools. It has been over 10 years since this has been done to both pools.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	20,000	20,000	-	-	-	$ 40,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 20,000**	**$ 20,000**	**$ -**	**$ -**	**$ -**	**$ 40,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K2205

PROJECT TITLE: George Wilson Center School Hill History Display

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 20,000	$ -	$ -	$ -	$ 20,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 20,000**	**$ -**	**$ -**	**$ -**	**$ 20,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	Inclusive Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 20,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 20,000

[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	$ 20,000
TOTAL PROJECT COST		$ 20,000

[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 George Wilson Center was the original site of the first African American school of Newark. The school was built in 1922. The area became the centerpoint of activity for people living in in the surrounding community and became known as School Hill. We are looking to capture the rich history of the area and the residents that attended the school. The City of Newark, the local chapter of the NAACP and students and residents from the area are working towards creating a historic display inside the George Wilson Center and an outside courtyard area.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	20,000	-	-	-	$ 20,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS TBD	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 20,000**	**$ -**	**$ -**	**$ -**	**$ 20,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K2206

PROJECT TITLE: Wi-Fi in Parks

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 53,713	$ -	$ -	$ -	$ 53,713
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 53,713**	**$ -**	**$ -**	**$ -**	**$ 53,713**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
PROJECT LOCATION:	Various
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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	5
Est. Total Cost:	$ 53,713
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 53,713

[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	$ 20,000
Materials:	3063006.9622	$ 33,713
Other Contracts:		$ -
TOTAL PROJECT COST		$ 53,713

[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:

Providing internet capabilites in the more popular parks such as Handloff, Fairfield, Dickey, and George Wilson Center Parks. This will further update our park amenities and provide internet service for park users.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	53,713	-	-	-	$ 53,713
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 53,713**	**$ -**	**$ -**	**$ -**	**$ 53,713**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K2001

PROJECT TITLE: Park Signage

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2020
Est. Completion Date:	2021
Est. Useful Life (in years):	30
Est. Total Cost:	$ 70,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 70,000
% 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:

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. Received $32,000 DNREC grant for 2020.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS ORPT	70,000	-	70,000	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 70,000**	**$ -**	**$ 70,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: K2002

PROJECT TITLE: Olan Thomas Sidewalk Improvement

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 120,000	$ -	$ -	$ -	$ 120,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 120,000**	**$ -**	**$ -**	**$ -**	**$ 120,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2020
Est. Completion Date:	2023
Est. Useful Life (in years):	50
Est. Total Cost:	$ 120,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
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:	3063006.9620	$ 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:

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 bicyle and pedestrian traffic and it would not be conducive for an 8' trail to merge into a 5' sidewalk.

PROJECT FINANCING BY PLAN YEAR

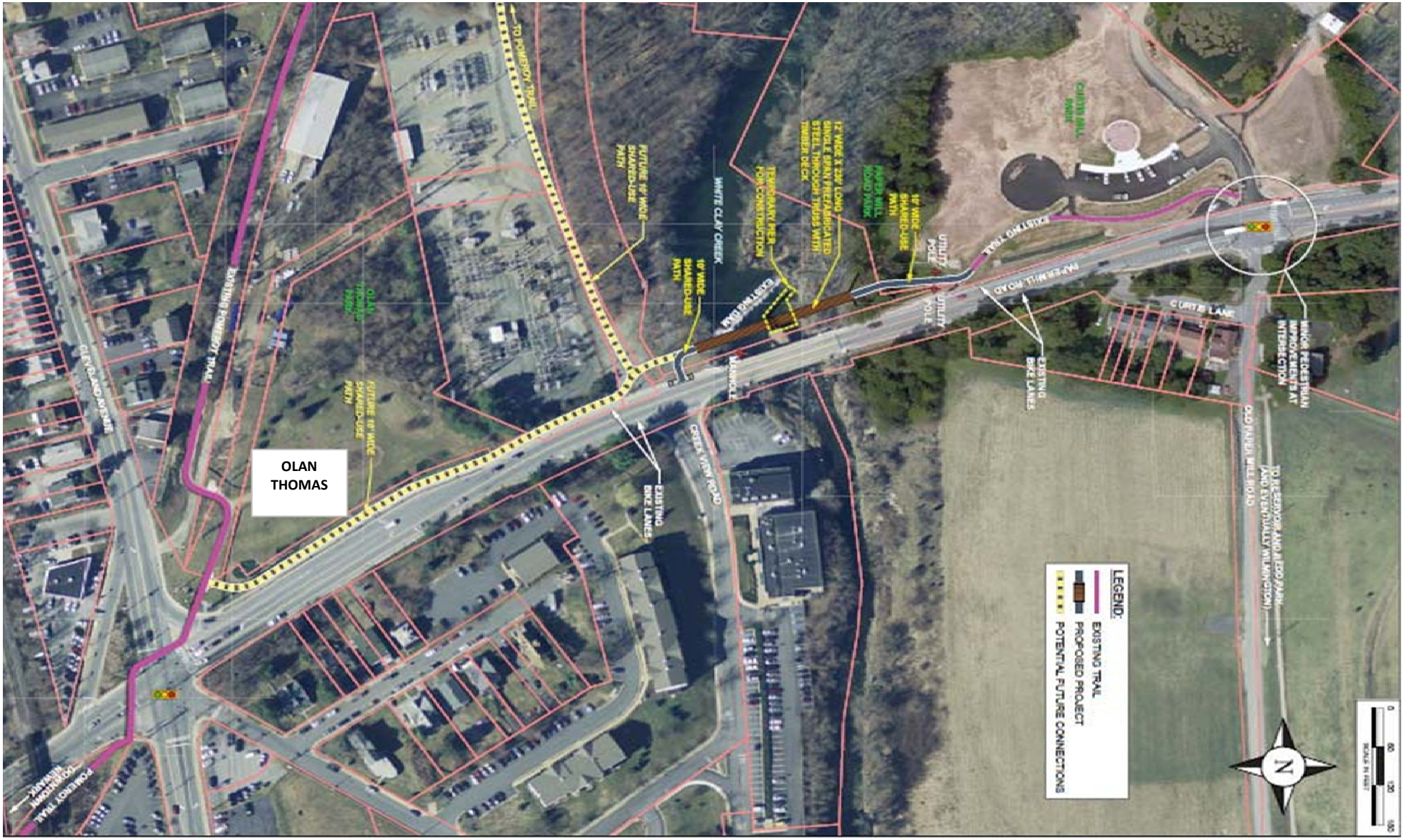
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	120,000	-	-	-	$ 120,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 120,000**	**$ -**	**$ -**	**$ -**	**$ 120,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	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: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 200,000	$ -	$ -	$ -	$ 200,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ 200,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2020
Est. Completion Date:	2023
Est. Useful Life (in years):	30
Est. Total Cost:	$ 200,000
Est. Spend @ 12/31/2021 (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.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	200,000	-	-	-	$ 200,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ 200,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K2004

PROJECT TITLE: Facilities Accessibilty (ADA Compliance)

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 30,000	$ 30,000	$ 30,000	$ 20,000	$ 20,000	$ 130,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ 30,000	$ 30,000	$ 30,000	$ 20,000	$ 20,000	$ 130,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
PROJECT LOCATION:	Various Parks
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:	2020
Est. Completion Date:	2026
Est. Useful Life (in years):	20
Est. Total Cost:	$ 220,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 90,000
% Complete (if underway):	40.9%
Balance to be funded[1]:	$ 130,000

[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	$ 130,000
TOTAL PROJECT COST		$ 130,000

[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. Our goal is to create access to at least 20% of our faciliities to include: playing court sites, playground equipment, picnic shelters, hard surface trails, sidewalks and parking lots. Improvements will include Kells Park, Handloff Park, Fairfield 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	45,000	890	44,110	$ -	30,000	30,000	30,000	20,000	20,000	$ 130,000
CAPITAL RESERVES	45,000	-	45,000	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 90,000	$ 890	$ 89,110	$ -	$ 30,000	$ 30,000	$ 30,000	$ 20,000	$ 20,000	$ 130,000

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K2005

PROJECT TITLE: Track Loader/Mini-Skid Steerer

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 36,000	$ -	$ -	$ 36,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ -**	**$ 36,000**	**$ -**	**$ -**	**$ 36,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2020
Est. Completion Date:	2024
Est. Useful Life (in years):	10
Est. Total Cost:	$ 36,000
Est. Spend @ 12/31/2021 (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 equipment 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	36,000	-	-	$ 36,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 36,000**	**$ -**	**$ -**	**$ 36,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K1704

PROJECT TITLE: Lumbrook Park Pavilion

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ 41,275	$ -	$ -	$ -	$ -	$ 41,275
2022-2026 Funding:	**$ 41,275**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 41,275**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2022
Est. Useful Life (in years):	40
Est. Total Cost:	$ 45,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 3,725
% Complete (if underway):	8.3%
Balance to be funded[1]:	$ 41,275

[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	$ 41,275
TOTAL PROJECT COST		$ 41,275

[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.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-		$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	41,275	-	-	$ 41,275	41,275	-	-	-	-	$ 41,275
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 41,275**	**$ -**	**$ -**	**$ 41,275**	**$ 41,275**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 41,275**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K1705

PROJECT TITLE: Preston's Playground and Utility Lines

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2021
Est. Useful Life (in years):	50
Est. Total Cost:	$ 107,552
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 107,552
% 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:

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 conductive 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 applied for in 2019.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	2,350	-	$ (2,350)	-	-	-	-	-	$ -
CAPITAL RESERVES	46,697	46,697	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS ORPT	58,505	58,505	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 105,202**	**$ 107,552**	**$ -**	**$ (2,350)**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K1601

PROJECT TITLE: Charles Emerson Bicycle/Pedestrian Bridge

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
PROJECT LOCATION:	Curtis Mill & Kershaw Parks at Paper Mill 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:	2016
Est. Completion Date:	2021
Est. Useful Life (in years):	50
Est. Total Cost:	$ 2,058,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 2,058,000
% 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:

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. Please note, the SORPT grant funding does qualify as City matching funds.

The city has also obtained additional funding for this project:

TOTAL GRANT FUNDING:

$800,000 from FHWA

$500,000 from the SORPT Grant

$160,000 from Legislation Community Transportation Fund

$1,000 from Private Donations

***Please note $425,507 of grant funding has been spent through 12/31/2020.**

TOTAL OTHER FUNDING:

$210,000 from New Castle County

$100,000 from the University of Delaware

The project has a total of $1,771,000 in funding secured.

The project will be prepared for preparation of contract plans, specifications and estimates (PS&E) by the end of 2020. Construction is tentatively scheduled to begin in March of 2021 with construction of the bridge abutments and bridge installation in August of 2021.

PROJECT FINANCING BY PLAN YEAR

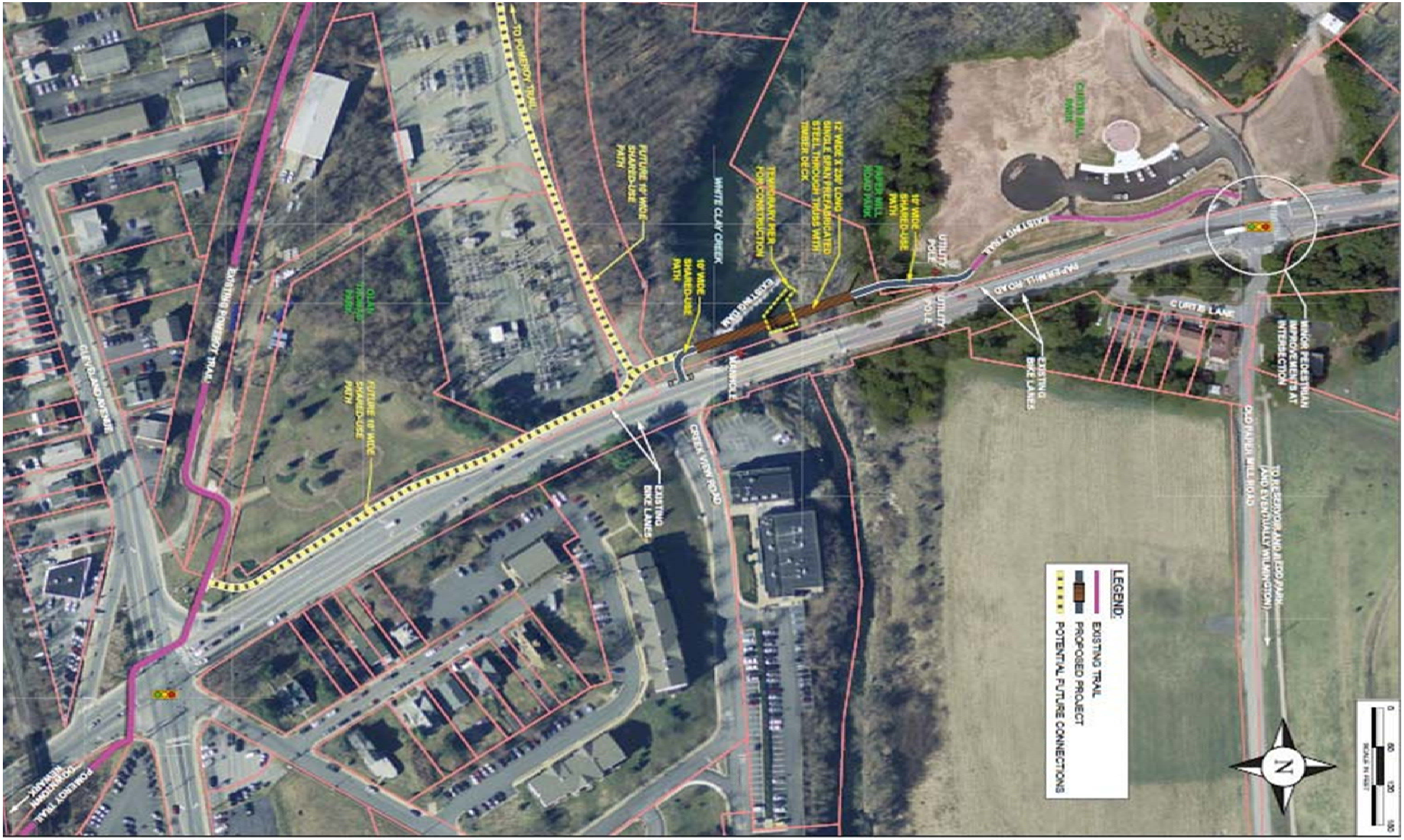
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES *Includes UD (100K)	281,623	-	281,623	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS FHWA (800K), SORPT (500K), CTF (160K)	1,034,493	-	1,034,493	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER NCC (210K)	210,000	-	210,000	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 1,526,116**	**$ -**	**$ 1,526,116**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

K1601: Charles Emerson Bicycle/Pedestrian Bridge

Supporting Documentation - Page 1

(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)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 25,600	$ 28,468	$ -	$ 54,068
*Prior Authorized Balance:	$ -	$ -	$ 6,400	$ 1,532	$ -	$ 7,932
2022-2026 Funding:	**$ -**	**$ -**	**$ 32,000**	**$ 30,000**	**$ -**	**$ 62,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2025
Est. Useful Life (in years):	20
Est. Total Cost:	$ 94,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 32,000
% Complete (if underway):	34.0%
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 Outdoor Recreation Parks and Trails (ORPT). The program requires a 50% 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	4,468	-	$ 4,468
CAPITAL RESERVES	7,932	-	-	$ 7,932	-	-	6,400	1,532	-	$ 7,932
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS ORPT/CTF	-	-	-	$ -	-	-	25,600	24,000	-	$ 49,600
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 7,932**	**$ -**	**$ -**	**$ 7,932**	**$ -**	**$ -**	**$ 32,000**	**$ 30,000**	**$ -**	**$ 62,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K1501

PROJECT TITLE: Iron Glen Park Master Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 50,000	$ -	$ -	$ -	$ 50,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ 50,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2023
Est. Useful Life (in years):	50
Est. Total Cost:	$ 50,000
Est. Spend @ 12/31/2021 (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 15 years the site has been used as one of the City's leaf and yard waste sites. That operation has been relocated. This project is to have a master plan completed for the parkland.

Moved to 2023 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.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	50,000	-	-	-	$ 50,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ 50,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: K1301

PROJECT TITLE: Hard Surface Facilities Improvements

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 377,000	$ 154,000	$ 202,000	$ 177,000	$ 197,000	$ 1,107,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 377,000**	**$ 154,000**	**$ 202,000**	**$ 177,000**	**$ 197,000**	**$ 1,107,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	$ 1,550,200
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 443,200
% Complete (if underway):	28.6%
Balance to be funded[1]:	$ 1,107,000

[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	$ 1,107,000
TOTAL PROJECT COST		$ 1,107,000

[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'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. 2021 projects scheduled to be completed include the Fairfield Tennis Courts resurfacing, Fairfield Basketball Court asphalt overlay and Fairfield parking lot asphalt overlay.

We have requested the Reservoir parking lot expansion be funded by the American Rescue Plan for $65,000.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	154,000	202,000	177,000	197,000	$ 730,000
CAPITAL RESERVES	(94,982)	-	-	$ (94,982)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	191,300	22,779	73,539	$ 94,982	312,000	-	-	-	-	$ 312,000
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	65,000	-	-	-	-	$ 65,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 96,318**	**$ 22,779**	**$ 73,539**	**$ -**	**$ 377,000**	**$ 154,000**	**$ 202,000**	**$ 177,000**	**$ 197,000**	**$ 1,107,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

K1301: Hard Surface Facilities Improvements
Supporting Documentation - Page 1
(Revised July 30, 2021)

Details for Capital Project K1301:

2022	• Dickey Parking Lot: Asphalt overlay		120,000.00
	• Handloff Multi-Purpose Court: Asphalt Overlay		60,000.00
	• Dickey Park Multi-purpose Court		60,000.00
	• Lewis Tennis Courts: Conversion to pickleball courts		60,000.00
	• Wilson Center Basketball Court: Sealed with latex sealer and re-striped		12,000.00
	• Newark Reservoir Parking Lot: Asphalt overlay		65,000.00
		2022 Total:	**377,000.00**
2023	• Lumbrook Park Multi-Purpose Court		50,000.00
	• Handloff Parking Lot		60,000.00
	• Lumbrook Tennis Court		24,000.00
	• Fairfield Crest Tennis Courts refurbishment		20,000.00
		2023 Total:	**$ 154,000.00**
2024	• Handloff Park Tennis Courts resurfacing		24,000.00
	• Karpinski Park Trail: Asphalt overlay		48,000.00
	• Folk Trail: Asphalt overlay		70,000.00
	• Folk Parking Lot: Asphalt overlay		60,000.00
		2024 Total:	**$ 202,000.00**
2025	• James F. Hall Trail: Asphalt overlay		150,000.00
	• George Read Basketball Court: asphalt overlay and new equipment		12,000.00
	• Folk Tennis Court – resurfacing		15,000.00
		2025 Total:	**$ 177,000.00**
2026	• George Wilson Tennis Court		20,000.00
	• Hidden Valley Park Basketball Court		12,000.00
	• Dickey Park Street Hockey Court		35,000.00
	• Fairfield Crest Basketball Court Resurfacing		30,000.00
	• Newark Reservoir Trail/Maintenance Road		100,000.00
		2026 Total:	**$ 197,000.00**

PROJECT NO: K1202

PROJECT TITLE: Kershaw Park Improvements

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 200,000	$ -	$ -	$ -	$ 200,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ 200,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	2023
Est. Useful Life (in years):	50
Est. Total Cost:	$ 200,000
Est. Spend @ 12/31/2021 (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 to the Pomeroy Trail. 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.

We will be applying for grant funding for this project.

PROJECT FINANCING BY PLAN YEAR

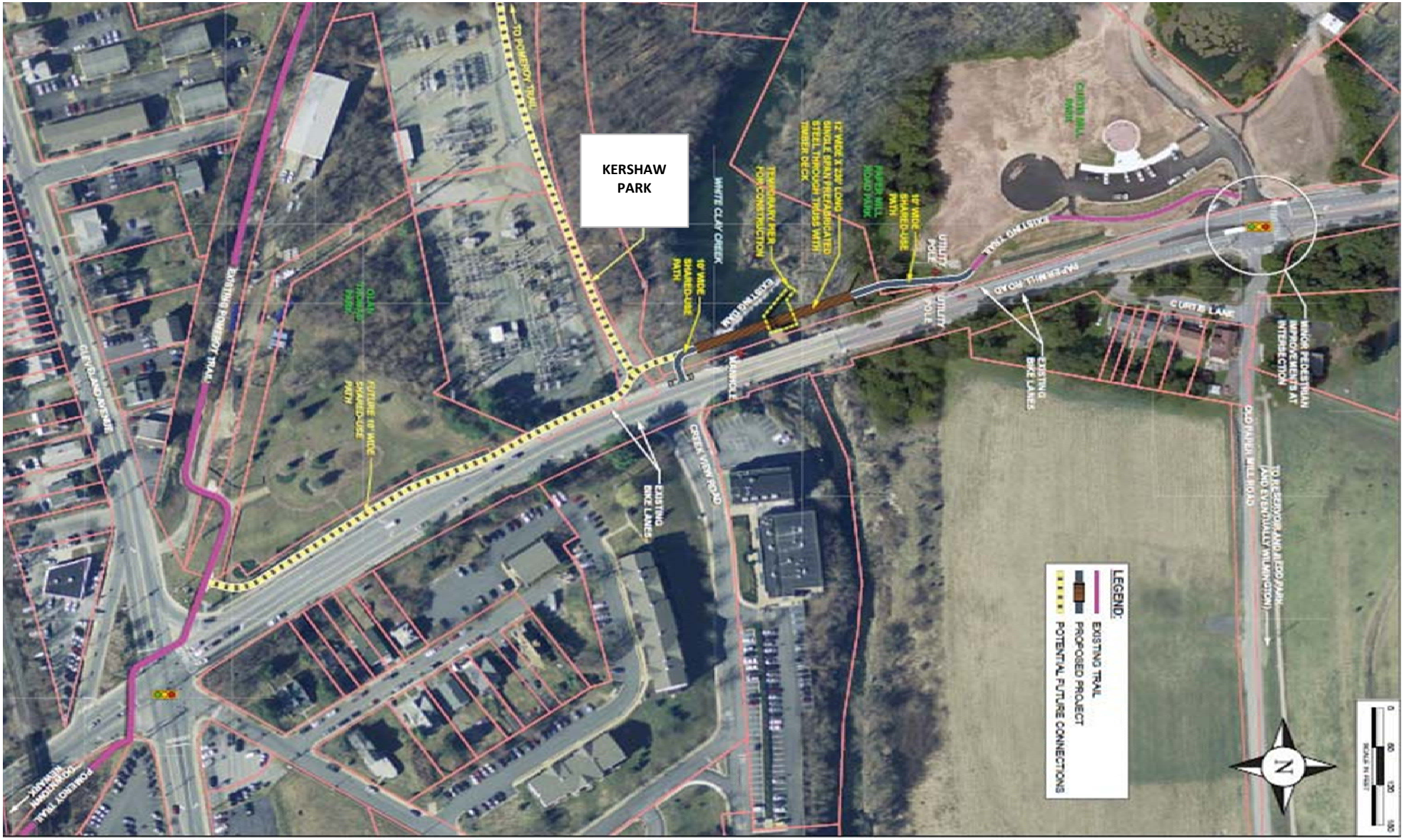
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -		100,000	-	-	-	$ 100,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	100,000	-	-	-	$ 100,000
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ 200,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

K1202: Kershaw Park Improvements

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(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)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 1,500,000	$ -	$ -	$ -	$ -	$ 1,500,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 1,500,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,500,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
PROJECT LOCATION:	Old Paper Mill Rd
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:	2022
Est. Useful Life (in years):	50
Est. Total Cost:	$ 1,600,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 100,000
% Complete (if underway):	6.3%
Balance to be funded[1]:	$ 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:		$ -
Materials:		$ -
Other Contracts:	3063006.9620	$ 1,500,000
TOTAL PROJECT COST		$ 1,500,000

[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:

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

To complete the work tasks associated with the redevelopment of the park, JMT will perform the following tasks:

· Task 1: Project Management and Coordination
· Task 2: Updated Site Plan & Conceptual Stormwater Management Design
· Task 3: Public Meeting Update
· Task 4: Park and Recreation Plans and Specifications

Scope of consultant services include Project Administration, Contract Administration, Information and field assistance, JMT field activity

Realistic timeline:
Design and engineering completed spring 2022
Park construction to begin winter 2022
Park opening fall 2023

We have requested this plan be funded by the American Rescue Plan.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	83,355	25,209	58,146	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	1,500,000	-	-	-	-	$ 1,500,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 83,355**	**$ 25,209**	**$ 58,146**	**$ -**	**$ 1,500,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,500,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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



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OLD PAPER MILL PARK
CONCEPT #3
May 22, 2020

1 INCH = 100 FEET

PROJECT NO: K0908

PROJECT TITLE: Children's Play Equipment

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 40,000	$ 56,000	$ 60,000	$ 40,000	$ 56,000	$ 252,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 40,000**	**$ 56,000**	**$ 60,000**	**$ 40,000**	**$ 56,000**	**$ 252,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	$ 387,035
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 135,035
% Complete (if underway):	34.9%
Balance to be funded[1]:	$ 252,000

[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	$ 252,000
TOTAL PROJECT COST		$ 252,000

[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 old and install new childrens play equipment to comply with current Playground Safety standards. 2021 replacement funds are for Devon 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	40,000	-	40,000	$ -	40,000	56,000	60,000	40,000	56,000	$ 252,000
CAPITAL RESERVES	95,035	525	94,510	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 135,035**	**$ 525**	**$ 134,510**	**$ -**	**$ 40,000**	**$ 56,000**	**$ 60,000**	**$ 40,000**	**$ 56,000**	**$ 252,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: KEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 60,000	$ 185,000	$ 25,000	$ 35,000	$ 210,000	$ 515,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 60,000**	**$ 185,000**	**$ 25,000**	**$ 35,000**	**$ 210,000**	**$ 515,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Parks & Recreation
DIVISION:	Parks & Recreation
FUND:	Capital Projects
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:	$ 555,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 40,000
% Complete (if underway):	7.2%
Balance to be funded[1]:	$ 515,000

[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	$ 515,000
TOTAL PROJECT COST		$ 515,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	4,339	51,888	53	11,777	89,603	$ 157,660
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	40,000	38,450	1,550	$ -	55,661	133,112	24,947	23,223	120,397	$ 357,340
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 40,000**	**$ 38,450**	**$ 1,550**	**$ -**	**$ 60,000**	**$ 185,000**	**$ 25,000**	**$ 35,000**	**$ 210,000**	**$ 515,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
PARKS AND RECREATION DEPARTMENT

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
1427	2012 Toyota Camry Hybrid	Hybrid to EV	03/19/12	24,718	23,975	70,000	10	2022	2023	24,718		30,000			
1431	2018 Dodge Ram 2500 4X4		11/09/18	31,980	10,435	70,000	10	2028	2028	31,980					
1437	2016 Dodge Grand Caravan	EV - Proposed	10/30/15	23,223	15,924	70,000	10	2025	2025	23,223				35,000	
	HORTICULTURE														
1435	2018 Dodge Ram 2500, 4x4 Crew Cab		09/07/18	29,877	18,464	55,000	10	2018	2028	29,877					
1440	2016 Ford F250 Pickup Truck 4x4		07/27/16	24,967	26,675	85,000	10	2026	2026	24,967					60,000
	PARK MAINTENANCE														
1430	2021 Ford F350 Pickup Truck 4x4		09/02/21	38,450	274	85,000	10	2021	2031	38,450					
1433	2016 Ford F450 Swaploader 4x4		03/24/16	69,709	6,838	70,000	10	2026	2026	69,709					100,000
1434	2017 Ford F350 Pickup Truck 4x4		07/18/17	29,209	13,306	85,000	10	2027	2027	29,209					
1436	2014 Ford F350 Pickup Truck 4x4		11/14/13	28,819	36,273	85,000	10	2023	2023	28,819		45,000			
1439	2016 Ford F350 Pickup Truck 4x4		11/05/15	25,721	25,361	--	10	2026	2026	25,721					50,000
	OTHER EQUIPMENT														
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 F9990 Mower		06/11/19	27,989	--	--	10	2029	2029	27,989					
1424	2014 Walker Riding Mower 26HP		05/28/14	24,947	50,677	--	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										**GROSS ACQUISITION COST**	**$ 60,000**	**$ 185,000**	**$ 25,000**	**$ 35,000**	**$ 210,000**
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	(4,339)	(51,888)	(53)	(11,777)	(89,603)
										NET EQUIPMENT SINKING FUND TOTAL	**$ 55,661**	**$ 133,112**	**$ 24,947**	**$ 23,223**	**$ 120,397**

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
	STAFF VEHICLES														
1401	2009 Ford Ranger Pickup Truck	EV - Proposed	04/03/09	13,482	79,857	85,000	5	2022	2022	N/A	60,000				
1426	2012 Ford F350 Crew Cab		07/13/12	30,639	52,229	110,000	5	2022	2022	N/A	60,000				

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

PARKING FUND - PLANNING AND DEVELOPMENT DEPARTMENT - PARKING DIVISION

FUNDING SUMMARY

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 30,000	$ 40,000	$ -	$ 60,000	$ 130,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ 30,000	$ 40,000	$ -	$ 60,000	$ 130,000

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
V2002	Campus District Kiosk Installation	C	$ 87,200	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
V1901	Parking Lot Surface Maintenance	B	-	-	-	-	-	-	-	-	-
V1905	Newark Parking Kiosk Program	C	-	-	-	-	-	-	-	-	-
V1703	Lot Countdown Signs	D	15,000	-	-	-	-	-	-	-	-
VEQSF	Equipment Replacement Program	D	54,000	-	-	-	30,000	40,000	-	60,000	130,000
Total Parking Fund - Parking Division			**$ 156,200**	**$ -**	**$ -**	**$ -**	**$ 30,000**	**$ 40,000**	**$ -**	**$ 60,000**	**$ 130,000**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 156,200	$ -	$ -	$ -	$ 30,000	$ 40,000	$ -	$ 60,000	$ 130,000
	LESS: USE OF RESERVES		-	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		(32,459)	-	-	-	(11,281)	(24,457)	-	(26,687)	(62,425)
	GRANTS		-	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	-	-	-	-	-	-	-	-
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ 123,741	$ -	$ -	$ -	$ 18,719	$ 15,543	$ -	$ 33,313	$ 67,575

* 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

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	$ 87,200
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 87,200
% 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:

An extension 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 orignally included Kent Way, Amstel Avenue, Courtney Street, and Academy Street, south of Delaware Avenue (a.k.a. Long Academy). After further research and discussion, it was realized we could reduce the number of physical kiosks in the campus district, as students tend to favor the Passport parking application. Due to this, we were able to get better coverage and complete some streets early. We have reduced our request from 21 kiosks to 10 kiosks.

The breakdown of each street is as follows:

Kent Way - 4 Kiosks (down from 7)
Amstel Avenue - 6 Kiosks (down from 9)
Courtney Street - 0 Kiosks (down from 1)**Completed in 2020 under V1905 equipment**
Long Academy - 0 Kiosks (down from 4) **Completed in 2020 under V1905 equipment**

Total: 10 Kiosks (down from 21)

In addition to the hardware, there is an installation cost and a set-up fee. 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. Fees from the kiosks installed under V1905 will be put under the I.T. subscription budget. New subscription fees will be part of V2002. 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 requested an additional $87,200 in 2021 (down from the previoudly requsted $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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	87,200	-	87,200	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 87,200**	**$ -**	**$ 87,200**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	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)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	$ 204,157
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 204,157
% Complete (if underway):	0.0%
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:

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: Lot was fully repaved in 2020 as part of the Lot #1 expansion. Tentative lot repave in 2030/31.

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. The west-end of the lot had a new top coat put on but was not fully redone. Tentative partial lot repave to be considered in 2026/27 for the west-end of parking lot. Rest of lot for 2029/2030. This is a monthly permit lot with low overall traffic, but also with several trash trucks coming in daily.

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 two separate projects 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, which will be part of the discussions with developers.

Lot #5: As this lot was completed in 2013, this lot is tentatively scheduled to be repaved in 2028/2029. The later date is due to less overall traffic on the surface lot because it is monthly-permit only.

Lot #6: This lot was constructed in 2015, so this lot was originally scheduled to be repaved in 2025/2026. The lot currently shows few signs of wear and tear, so cost won't be attributed until 2027. Low traffic in 2020/2021 played a role in this decision.

Lot #7: This lot is currently on a short-term lease. Lot owner is currently working through the approval process for a new multi-use parking garage that the City may possibly manage.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	204,157	-	204,157	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 204,157**	**$ -**	**$ 204,157**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: V1905

PROJECT TITLE: Newark Parking Kiosk Program

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	2021
Est. Useful Life (in years):	5
Est. Total Cost:	$ 496,767
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 496,767
% 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:

Detail: Completed parking implementation to modernize City of Newark's current parking infrastructure, moved from single-space parking meters to a unified, multi-space kiosk system with mobile payment capabilities. Enforced with an License Plate Recognition 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**)

2020 Costs: **Year Two Total $187,391**

- Main Street (Chapel to College) and Immediate Streets - $109,271 - 17 Kiosks - 154+ IPS Replacement
- Main Street (College to Deer Park) and New London Rd. - $13,020 - 2 Kiosks - 24 IPS Replacement
- Lot #1 - $13,020 - 2 Kiosks - 245+ ParkingSoft Replacement
- Lot #4 - $13,020 - 2 Kiosks - 152 ParkingSoft Replacement
- Academy Street - $32,550- 5 Kiosks - 53 IPS Replacement
- Courtney Street - $6,510 - 1 Kiosk - 8 IPS Replacement

2021 Costs: **Year Three Total $87,200 (**CIP V2002**)**

- Kent Way - $34,880 - 4 Kiosks - 51 IPS Replacement
- Amstel Avenue - $52,320 - 6 Kiosks - 68 IPS Replacement

****Project is completed and cost less than budgetted amount.****
****No new additional funds requested.****

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

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(883)	-	-	$ (883)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	19,530	-	18,647	$ 883	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 18,647**	**$ -**	**$ 18,647**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	(536,100)	(536,100)	(536,100)	(536,100)	(536,100)	$ (2,680,500)

PROJECT NO: V1703

PROJECT TITLE: Lot Countdown Signs

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

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:	$ 41,280
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 41,280
% 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:

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 plans on using equipment that has already been previously purchased, as Lot #3 countdown sign was removed due to the lot not being conducive to countdown technology due to a change in contract with one of the lot's landlords requesting individual reserved spaces through the parking lot. As countdown signage cannot account for how many 'public' spaces are available against all incoming traffic, the sign had to be removed. The sign is still functional and it and all peripheral equipment can be reused.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	15,000	-	15,000	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	26,280	-	26,280	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 41,280	$ -	$ 41,280	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: VEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 30,000	$ 40,000	$ -	$ 60,000	$ 130,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 30,000**	**$ 40,000**	**$ -**	**$ 60,000**	**$ 130,000**

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:	$ 184,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 54,000
% Complete (if underway):	29.3%
Balance to be funded[1]:	$ 130,000

[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	$ 130,000
TOTAL PROJECT COST		$ 130,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	12,719	-	12,719	$ -	-	18,719	15,543	-	33,313	$ 67,575
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	32,459	-	32,459	$ -	-	11,281	24,457	-	26,687	$ 62,425
GRANTS Green Energy	8,822	-	8,822	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 54,000**	**$ -**	**$ 54,000**	**$ -**	**$ -**	**$ 30,000**	**$ 40,000**	**$ -**	**$ 60,000**	**$ 130,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
PLANNING AND DEVELOPMENT DEPARTMENT, PARKING DIVISION

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
1100	2017 Ford T150 Transit Cargo Van		09/14/16	26,687	12,644	55,000	10	2026	2026	26,687					60,000
1101	2015 Ford T150 Transit Cargo Van		12/31/14	24,457	13,772	80,000	10	2024	2024	24,457			40,000		
1102	2009 Ford Focus		04/03/09	13,489	50,638	60,000	8	2017	2023	11,281		30,000			
1103	2021 Nissan Leaf S Plus	EV	05/12/21	29,710	1,796	20,000	9	2021	2030	29,710					
1104	2017 Ford Transit Connect		03/02/17	22,768	60,247	90,000	10	2027	2027	22,768					
TOTAL PARKING DIVISION										**GROSS ACQUISITION COST**	$ -	$ 30,000	$ 40,000	$ -	$ 60,000
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF GRANT FUNDING	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	(18,719)	(15,543)	-	(33,313)
										NET EQUIPMENT SINKING FUND TOTAL	$ -	$ 11,281	$ 24,457	$ -	$ 26,687

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

CAPITAL PROJECTS FUND - FINANCE DEPARTMENT - INFORMATION TECHNOLOGY DIVISION

FUNDING SUMMARY

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 2,137,155	$ 100,000	$ -	$ -	$ -	$ 2,237,155
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ 2,137,155	$ 100,000	$ -	$ -	$ -	$ 2,237,155

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
I2201	Network Enhancement Project	B	$ -	$ 205,000	$ -	$ 205,000	$ -	$ -	$ -	$ -	205,000
I2202	Remote Access System	D	-	140,000	-	140,000	-	-	-	-	140,000
I2203	Virtual Environment Upgrade	D	-	250,000	-	250,000	-	-	-	-	250,000
I2204	Data Protection	B	-	225,000	-	225,000	100,000	-	-	-	325,000
I2205	Tropos Mesh Network Replacement	D	-	1,000,000	-	1,000,000	-	-	-	-	1,000,000
I2206	Upgrade Server OS and Migrate Applications to New Server	D	-	52,155	-	52,155	-	-	-	-	52,155
I2207	Virtualize MDM Server and Migrate Database to Postgres	D	-	50,000	-	50,000	-	-	-	-	50,000
I2101	Council Chambers Audio Visual Upgrade	D	60,000	-	-	-	-	-	-	-	-
I1902	Tyler Technologies Cash Management Module	D	17,700	-	-	-	-	-	-	-	-
I1801	Citywide Fiber (Phase II)	B	-	-	140,000	140,000	-	-	-	-	140,000
I1804	Harris Automation Platform	D	55,000	-	75,000	75,000	-	-	-	-	75,000
I1603	Surveillance Camera Refresh	B	-	-	-	-	-	-	-	-	-
Total General Fund - Information Technology Division			**$ 132,700**	**$ 1,922,155**	**$ 215,000**	**$ 2,137,155**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 2,237,155**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 132,700	$ 1,922,155	$ 215,000	$ 2,137,155	$ 100,000	$ -	$ -	$ -	$ 2,237,155
	LESS: USE OF RESERVES		(29,222)	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		-	(117,000)	-	(117,000)	-	-	-	-	(117,000)
	GRANTS		-	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		(103,478)	(1,805,155)		(1,805,155)	(100,000)	-	-	-	(1,905,155)
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ -	$ -	$ 215,000	$ 215,000	$ -	$ -	$ -	$ -	$ 215,000

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

PROJECT NO: I2201

PROJECT TITLE: Network Enhancement Project

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 205,000	$ -	$ -	$ -	$ -	$ 205,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 205,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 205,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	7
Est. Total Cost:	$ 205,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[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:	3063006.9622	$ 205,000
TOTAL PROJECT COST		$ 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:

Replace aged equipment and build additional redundancy in to the city's network. The proposed solution would replace the network spine, the server core, municipal user core and the police user core. Parts of our network infrastructure are several years beyond the expected life span. Our core switches were replaced last year by our third party warranty company with used equipment that is older than the switches that failed.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	205,000	-	-	-	-	$ 205,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 205,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 205,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I2202

PROJECT TITLE: Remote Access System

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 140,000	$ -	$ -	$ -	$ -	$ 140,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 140,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 140,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	5
Est. Total Cost:	$ 140,000
Est. Spend @ 12/31/2021 (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 city currently maintains two separate VPN solutions due to incompatibilities between some line of business applications and our primary VPN. This tends to create confusion among our users and additional workload for the IT staff. The proposed solution would consolidate the service to a single software based solution provided by NetMotion.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	140,000	-	-	-	-	$ 140,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 140,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 140,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I2203

PROJECT TITLE: Virtual Environment Upgrade

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 250,000	$ -	$ -	$ -	$ -	$ 250,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	5
Est. Total Cost:	$ 250,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 250,000

[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	$ 250,000
TOTAL PROJECT COST		$ 250,000

[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:

Transition from Microsoft's Hyper-V to VMware allowing for better integration with the rest of the Dell product and services stack. As a result, workloads will be more portable and therefore more resilient. The proposed solution includes a Dell VxRail E560F with 4 nodes running production workloads and 2 nodes dedicated to disaster recovery. Along with 2 Dell PowerEdge R540 servers. This system is built entirely on flash storage. Our current servers will be 6 years old at the time of completion. The factory warranty expired in 2020.

**Please be advised that $67,000 in available Equipment Replacement Funds were closed out in previous Capital Project "I1601 - Virtual Environment Host Replacement" and are now included with this new project.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	67,000	-	-	-	-	$ 67,000
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	183,000	-	-	-	-	$ 183,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I2204

PROJECT TITLE: Data Protection

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 225,000	$ 100,000	$ -	$ -	$ -	$ 325,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 225,000**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 325,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	5
Est. Total Cost:	$ 325,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
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:	3063006.9622	$ 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:

Transition our backup and recovery systems to modern services, applications and hardware specifically designed to aid in recovery from malicious actors as well as hardware failure. The recommended solution includes two Dell 48TB DP4400 appliances as well as a 36TB Cyber Recovery Environment. Our current servers will be 9 years old but thetime of completion. The factory warranty expired in 2016.

**Please be advised that $50,000 in available Equipment Replacement Funds were closed out in previous Capital Project "I1606 - Disaster Recovery and Planning" and are now included with this new project.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	50,000	-	-	-	-	$ 50,000
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	175,000	100,000	-	-	-	$ 275,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 225,000**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 325,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I2205

PROJECT TITLE: Tropos Mesh Network Replacement

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 1,000,000	$ -	$ -	$ -	$ -	$ 1,000,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	10
Est. Total Cost:	$ 1,000,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 1,000,000

[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:	3063006.9622	$ 1,000,000
TOTAL PROJECT COST		$ 1,000,000

[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:

Our current fleet of mesh radios and routers are scheduled to reach the end of their service life on June 30, 2023. These devices provide the backhaul for smart meter data to city hall. A replacement for that backhaul needs to be researched, identified and implemented before the end of service date. We intend to use the expanded city wide fiber network to accommodate that data though gaps in coverage are likely. We will need to develop another strategy for those gaps. Estimate is based upon the cost of current devices which make up the network.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	1,000,000	-	-	-	-	$ 1,000,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I2206

PROJECT TITLE: Upgrade Server OS and Migrate Applications to New Server

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 52,155	$ -	$ -	$ -	$ -	$ 52,155
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 52,155**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 52,155**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
PROJECT LOCATION:	Various
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	5
Est. Total Cost:	$ 52,155
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 52,155

[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	$ 52,155
TOTAL PROJECT COST		$ 52,155

[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 will be upgrading the operating system on two application and one database server from 2012R2 to 2019. The current OS will be end of life in 2023. This upgrade will require technical assistance from the vendor to migration the Northstar CIS, mCare, eDocs and SQL to the new servers.

The vendor will:

- Backup the database from the existing production server.
- Restore backup and configure database access to new application server.
- Install Northstar CIS on new server.
- Install mCare V6 and eDocs on new server and redirect to new Northstar CIS server.
- Install Northstar Navs and configure access to CustomerConnect TEST and new mCare server.
- Perform installation sanity testing prior to turning the system over to the City for validation.
- Provide dedicated support during migration testing.
- Perform go live cut over.
- Redirect CustomerConenct to new Northstar server upon go live.
- Create Northstar, mCare and eDocs TEST instances on new TEST servers.
- Provide post live support for ten (10) business days.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	52,155	-	-	-	-	$ 52,155
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 52,155**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 52,155**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I2207

PROJECT TITLE: Virtualize MDM Server and Migrate Database to Postgres

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 50,000	$ -	$ -	$ -	$ -	$ 50,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
PROJECT LOCATION:	Various
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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	5
Est. Total Cost:	$ 50,000
Est. Spend @ 12/31/2021 (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:	3063006.9622	$ 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:

Our meter data management application is currently running on an aged physical server. The City would like to move from a phyisical to a virtual environment for this server. We would also like to migrate the database from Oracle to Postgres. The move from physical to virtual will save the City on our current server extended warranty as well as oracle support and licensing fees.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	50,000	-	-	-	-	$ 50,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 50,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I2101

PROJECT TITLE: Council Chambers Audio Visual Upgrade

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
PROJECT LOCATION:	City Hall / Council Chambers
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:	2021
Est. Completion Date:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	$ 60,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 60,000
% 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:

Council chambers AV upgrade will allow the City to conduct meetings within the Council Chambers, providing citizens the option to attend in either in person or virtually. The current system does not allow for the proper recordation of meetings with an audience that is participating BOTH remotely and in person. The new system will also have recording benefits not previously available (presentation with speaker), and also provide real-time subtitles of all who are speaking during the meeting, allowing our hearing impaired attendees to participate. The new AV system will run on the Microsoft TEAMS platform. Project responsibility is as follows:

Responsibility	Kinly	City of Newark
Millwork Adjustments		X
Electrical and Data		X
Conduit, Back Boxes, Floor Boxes and Cable Pathways		X
Plywood Backing, Strapping and Hard Points		X
Audio Visual Cabling	X	
Audio Visual Cable Terminations	X	
Audio Visual Equipment Decommission and Relocation	X	
Control System and DSP Programming	X	
Audio Visual System Testing and Commissioning	X	
Audio Visual System Customer Training	X	

*Please note, $11,522.00 in Capital Reserves was transferred from Capital Project A1801 - Government Access Channel, to Capital Project I2101 - Council Chambers Audio Visual Upgrade. These funds are the remaining balance of the one-time grant from Comcast that the City received in the amount of $31,520.00.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	11,522	-	11,522	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	48,478	-	48,478	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 60,000	$ -	$ 60,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	2,270	2,270	2,270	2,270	2,270	$ 11,350

PROJECT NO: I1902

PROJECT TITLE: Tyler Technologies Cash Management Module

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	$ 17,700
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 17,700
% 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:

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)

2021 Estimate: $17,700.00

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	17,700	-	17,700	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 17,700	$ -	$ 17,700	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	1,845	4,041	4,041	4,041	4,041	$ 18,009

PROJECT NO: I1801

PROJECT TITLE: Citywide Fiber (Phase II)

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 140,000	$ -	$ -	$ -	$ -	$ 140,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 140,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 140,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	2022
Est. Useful Life (in years):	10
Est. Total Cost:	$ 140,000
Est. Spend @ 12/31/2021 (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 2022 ($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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	140,000	-	-	-	-	$ 140,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 140,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 140,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: I1804

PROJECT TITLE: Harris Automation Platform

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	2022
Est. Useful Life (in years):	5
Est. Total Cost:	$ 130,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 55,000
% Complete (if underway):	42.3%
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:		$ -
Other Contracts:	3063006.9622	$ 75,000
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:

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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	75,000	-	-	-	-	$ 75,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	55,000	-	55,000	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 55,000**	**$ -**	**$ 55,000**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

I1804: Harris Automation Platform

Supporting Documentation - Page 1

5 Year Cost of Ownership for Newark

Subcription VS Perpetual Cost Difference

Subscription	$	102,382.00	
Perpetual	$	79,280.00	
	$	**181,662.00**	**Total Savings Over 5 Years**

Current Subscription Pricing for AP CORE

Professional Services	$	21,945.00	
Year 1 Subscription	$	15,000.00	
Year 2 Subcription	$	15,525.00	
Year 3 Subcription	$	16,068.00	
Year 4 Subcription	$	16,631.00	
Year 5 Subcription	$	17,213.00	
	$	**102,382.00**	**Total Cost**

Current Perpetual Pricing for AP Core

License & Services	$	46,020.00	
Year 1 Maintenance	$	6,019.00	
Year 2 Maintenance	$	6,320.00	
Year 3 Maintenance	$	6,636.00	
Year 4 Maintenance	$	6,968.00	
Year 5 Maintenance	$	7,317.00	
	$	**79,280.00**	**Total Cost**

*7% increase to maintenance applied as an example.

PROJECT NO: I1603

PROJECT TITLE: Surveillance Camera Refresh

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	Capital Projects
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:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	$ 110,593
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 110,593
% 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:**

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 2021
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 $13,000.00 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 2021.

*Please note, following the 2021 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 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	59,677	-	59,677	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 59,677**	**$ -**	**$ 59,677**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

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

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 130,000	$ -	$ -	$ 60,000	$ 190,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ 130,000	$ -	$ -	$ 60,000	$ 190,000

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
M2201	In-Ground Vehicle Lift Replacement	D	$ -	$ -	$ -	$ -	$ 130,000	$ -	$ -	$ -	$ 130,000
MEQSF	Equipment Replacement Program	B	-	-	-	-	-	-	-	60,000	60,000
Total Maintenance Fund - Fleet Maintenance Division			**$ -**	**$ -**	**$ -**	**$ -**	**$ 130,000**	**$ -**	**$ -**	**$ 60,000**	**$ 190,000**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ -	$ -	$ -	$ -	$ 130,000	$ -	$ -	$ 60,000	$ 190,000
	LESS: USE OF RESERVES		-	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		-	-	-	-	-	-	-	(35,388)	(35,388)
	GRANTS		-	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	-	-	-	-	-	-	-	-
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ -	$ -	$ -	$ -	$ 130,000	$ -	$ -	$ 24,612	$ 154,612

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

PROJECT NO: M2201

PROJECT TITLE: In-Ground Vehicle Lift Replacement

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 130,000	$ -	$ -	$ -	$ 130,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 130,000**	**$ -**	**$ -**	**$ -**	**$ 130,000**

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PWWR
DIVISION:	Fleet Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Field Operations Complex (FOC)
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:	2022
Est. Completion Date:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 130,000
Est. Spend @ 12/31/2020 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 130,000

[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:	6006016.9622	$ 130,000
TOTAL PROJECT COST		$ 130,000

[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:

Tandem Lift and mobile lifts have been replaced. This replacement is for the passenger vehicle lifts in each bay of garage. Inspections were completed in 2021 and the lifts were certified for function and safety through 2022. Funding has been programmed for 2023, with equipment selection taking place in 2023.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	130,000	-	-	-	$ 130,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 130,000**	**$ -**	**$ -**	**$ -**	**$ 130,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

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PROJECT NO: MEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ 60,000	$ 60,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ 60,000	$ 60,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Fleet 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:	$ 60,000
Est. Spend @ 12/31/2020 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 60,000

[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:	6006006.9623	$ 60,000
TOTAL PROJECT COST		$ 60,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	24,612	$ 24,612
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	35,388	$ 35,388
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 60,000	$ 60,000

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
MAINTENANCE FUND, PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, FLEET MAINTENANCE DIVISION

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
650	2019 Ford F350 Dual Wheel 4X2		08/29/19	39,969	8,927	89,000	10	2029	2029	39,969					
652	2016 Ford F350 Super Duty Pickup Truck		11/05/15	35,388	26,768	75,000	10	2026	2026	35,388					60,000
TOTAL FLEET MAINTENANCE DIVISION										**GROSS ACQUISITION COST**	$ -	$ -	$ -	$ -	$ 60,000
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	-	-	-	(24,612)
										NET EQUIPMENT SINKING FUND TOTAL	$ -	$ -	$ -	$ -	$ 35,388

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

MAINTENANCE FUND - ADMINISTRATIVE DEPARTMENT - FACILITIES MAINTENANCE DIVISION

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 416,000	$ 346,360	$ 25,000	$ -	$ -	$ 787,360
*Prior Authorized Balance:	$ 24,654	$ 63,640	$ -	$ -	$ -	$ 88,294
2022-2026 Funding:	$ 440,654	$ 410,000	$ 25,000	$ -	$ -	$ 875,654

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
N2201	City Hall Access Safety and Security Upgrades	B	$ -	$ 245,000	$ -	$ 245,000	$ -	$ -	$ -	$ -	$ 245,000
N2202	Miscellaneous Entryway Repairs and Improvements	B	-	-	-	-	40,000	25,000	-	-	65,000
N2001	City Hall - Electric Vehicle Charging Station Wiring	B	-	45,654	-	45,654	-	-	-	-	45,654
N2002	City Hall - Carpet and Lobby Floor Upgrades	B	-	50,000	-	50,000	40,000	-	-	-	90,000
N2003	City Building Roof Repair/Replacement	B	10,000	-	-	-	-	-	-	-	-
N1901	Energy Savings Project (ESCO)	D	9,489,295	-	-	-	-	-	-	-	-
N1803	Exterior Paint and Powerwash	C	-	100,000	-	100,000	-	-	-	-	100,000
N1806	FOC - Master Plan	D	-	-	-	-	180,000	-	-	-	180,000
N1809	TRN - New Windows	C	-	-	-	-	150,000	-	-	-	150,000
NEQSF	Equipment Replacement Program	D	-	-	-	-	-	-	-	-	-
Total Maintenance Fund - Facilities Maintenance Division			**$ 9,499,295**	**$ 440,654**	**$ -**	**$ 440,654**	**$ 410,000**	**$ 25,000**	**$ -**	**$ -**	**$ 875,654**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 9,499,295	$ 440,654	$ -	$ 440,654	$ 410,000	$ 25,000	$ -	$ -	$ 875,654
	LESS: USE OF RESERVES		-	-	-	-	(7,640)	-	-	-	(7,640)
	VEHICLE & EQUIPMENT REPLACEMENT		-	-	-	-	-	-	-	-	-
	GRANTS		(1,033,330)	(21,000)	-	(21,000)	(30,000)	-	-	-	(51,000)
	BOND ISSUES		-	-	-	-	(56,000)	-	-	-	(56,000)
	AMERICAN RESCUE PLAN ACT		-	(295,000)	-	(295,000)	(40,000)	-	-	-	(335,000)
	OTHER FINANCING SOURCES		(8,455,965)	(124,654)	-	(124,654)	-	-	-	-	(124,654)
	NET CAPITAL IMPROVEMENTS		$ 10,000	$ -	$ -	$ -	$ 276,360	$ 25,000	$ -	$ -	$ 301,360

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

PROJECT NO: N2201

PROJECT TITLE: City Hall Access Safety and Security Upgrades

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 245,000	$ -	$ -	$ -	$ -	$ 245,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 245,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 245,000**

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administrative
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	City 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:	2022
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	$ 245,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 245,000

[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	$ 245,000
TOTAL PROJECT COST		$ 245,000

[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:

As part of the roofing work completed through the ESCO project, STES identified substantial structural issues with the Municipal Complex's semi-circular structure at the atrium entryway. Specifically, the roof crumbled under the roofers' feet and visible signs of rust and water damage were identified. Upon review of documentation at City Hall, nothing was found related to the original build of the structure, so no further work was done for the structure due to unknown safety and building concerns.

Through RFP 16-06, JMT reviewed the structure and took photos inside the structure using a GoPro camera. They found numerous water-related and joint separation issues. JMT recommended demolishing the structure due to the safety issues and unknowns due to lack of proper construction documentation. It is expected that the structure will begin to deteriorate to the point of failure (failing apart/over) as soon as winter 2022 or 2023. Each year, ice buildup in column cracks further expedites the structure's decline (see photos). To save money for the rebuild, the recommended replacement structure is to be a prefabricated fabric canopy as opposed to a brick structure. Prices are based on JMT's report and increasing costs for material. Due to the noted safety issues associated with this project, this project is placed for 2022 and pushing back is not recommended. Staff is hopeful to use ARPA funding for the project.

In addition to the structural issue, several internal safety upgrades should be made to protect the building, staff, customers, and other residents. This includes adding metal detector(s) to the atrium lobby and/or Court lobby, creating a permanent workstation for the bailiffs in the atrium, a second set of entry doors, and floor replacements throughout the atrium and City Hall lobby.

Phase 1: Engineering/structural analysis - Estimate $20,000
Phase 2: Demo of standing semi-circular entryway structure - Estimate $50,000
Phase 3: Installation of prefabicated entryway awning and second set of door - Estimate $115,000
Phase 4: Installation of permanent bailiff station - Estimate $20,000
Phase 5: Installaiton of metal detectors and associated gear - Estimate $20,000
Phase 6: Front lobby floor tile upgrades (PD, atrium, PUBs) - Estimate $20,000

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	145,000	-	-	-	-	$ 145,000
OTHER Court Security Fees	-	-	-	$ -	100,000	-	-	-	-	$ 100,000
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 245,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 245,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 1 of 10

Associated Photos

Image #1: Typical steel decking. Note corrosion and holes at decking.



Image #2: Typical steel decking holes and buckling.



N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 2 of 10

Associated Photos

Image #3: Typical decking, studs, beam and column. Note corrosion, holes and bucking of decking.



Image #4: Typical steel beam & joist and crack in brick. Note further corrosion and pitting at steel.



N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 3 of 10

Associated Photos

Image #5: Typical cracks in brick façade, with efflorescence.

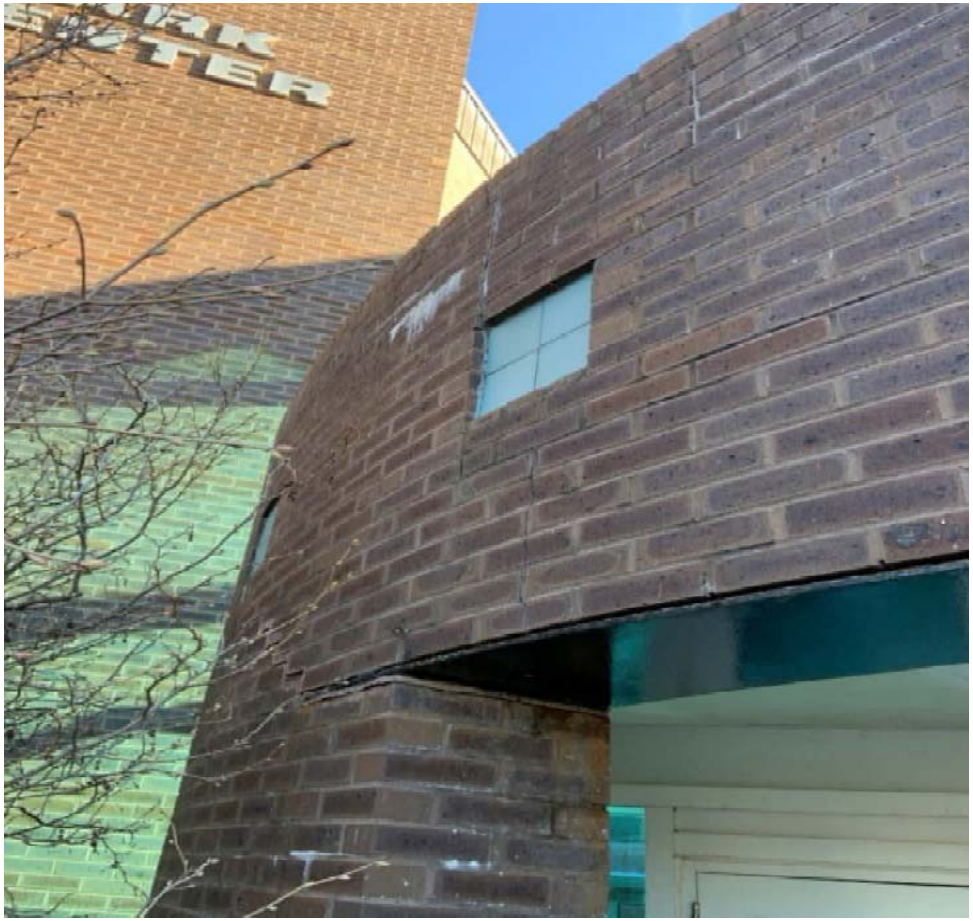


Image #6: Typical cracks in brick façade, with efflorescence.



N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 4 of 10

Associated Photos

Image #7: Typical lentil and efflorescence in brick. Note condition of ceiling showing water damage.



Image #8: Atrium Entrance.



N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 5 of 10

Associated Photos

Image #9: Condition of CMU, steel joists and metal roof deck. Note corrosion at roof deck.

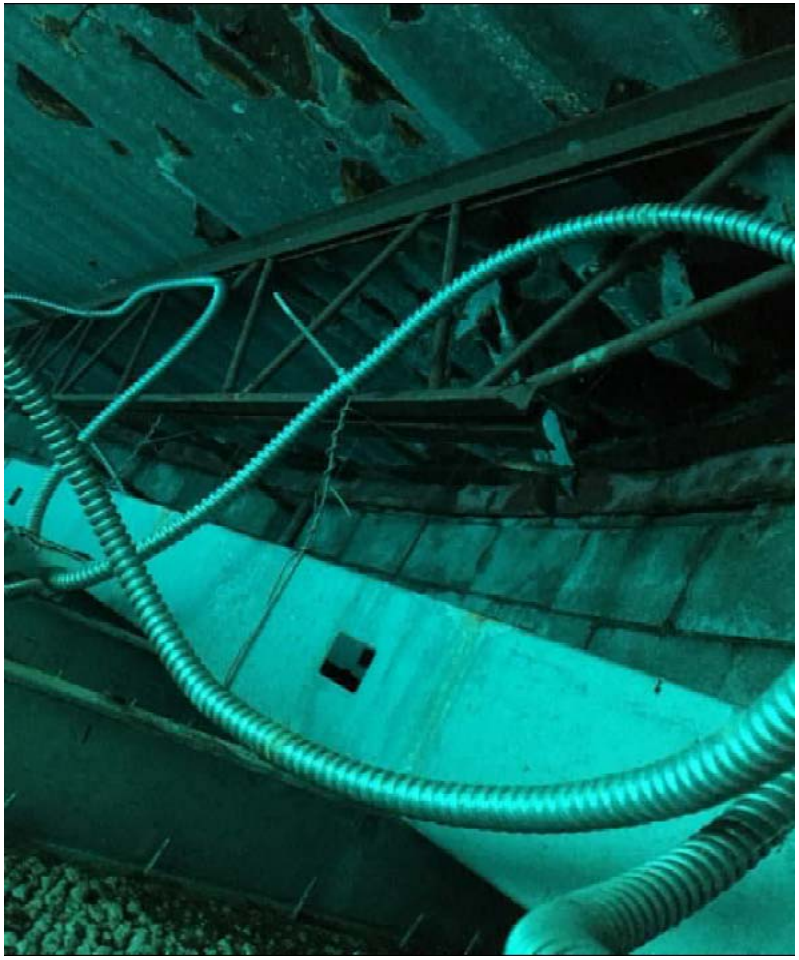
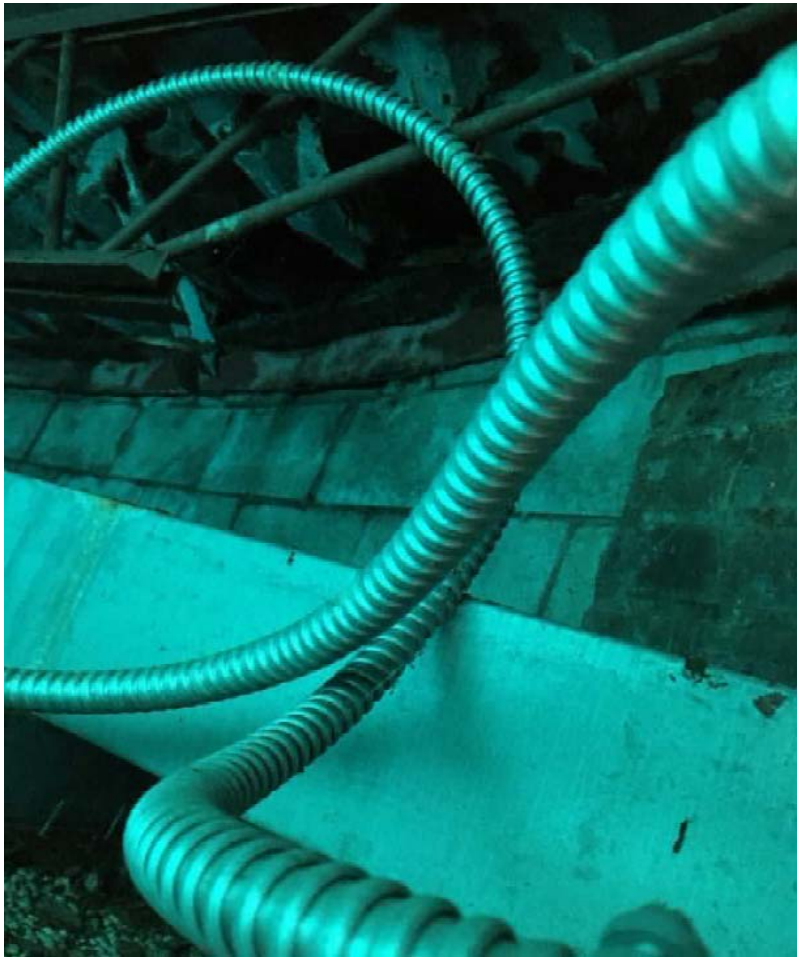


Image #10: Condition of CMU, and steel joists.



Images #11 and 12: City Hall lobby tiles. Note damage and cracks between/in tiles.





Image #13: City Hall lobby tiles. Note damage and cracks between/in tiles.



N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 8 of 10

Associated Photos

Images #14 and 15: Front atrium lobby. Note staining among tiles and temporary bailiff station to be updated through project.





N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 9 of 10

Associated Photos

Images #16, 17 and 18: Additional atrium photos. Note cracking along seams and between/on tiles.







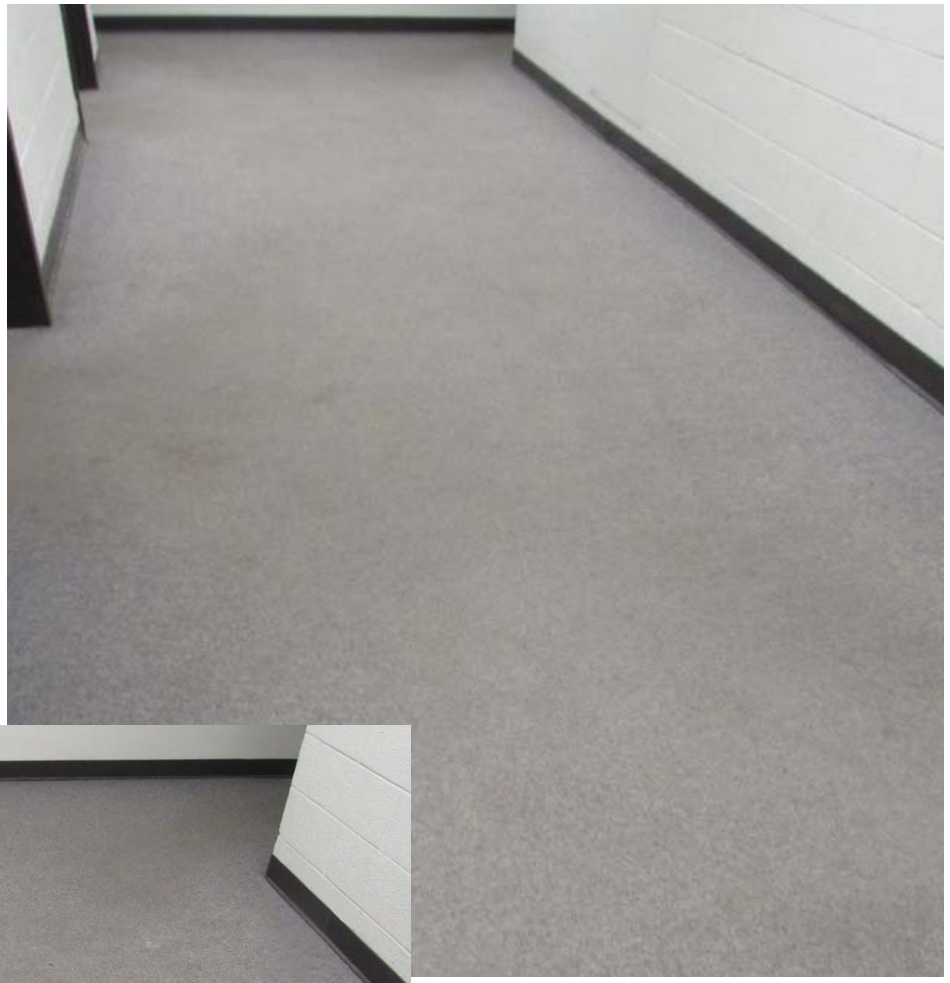
N2201: City Hall Access Safety and Security Upgrades

Supporting Documentation - Page 10 of 10

Associated Photos

Images #19, 20 and 21: PUBs front lobby area—carpet staining/deterioration.







PROJECT NO: N2202

PROJECT TITLE: Miscellaneous Entryway Repairs and Improvements

PROJECT STATUS: New Project

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 40,000	$ 25,000	$ -	$ -	$ 65,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 40,000**	**$ 25,000**	**$ -**	**$ -**	**$ 65,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	GWC and FOC
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:	Inclusive Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	2022
Est. Completion Date:	2024
Est. Useful Life (in years):	25
Est. Total Cost:	$ 65,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 65,000

[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	$ 65,000
TOTAL PROJECT COST		$ 65,000

[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 ADA entryway at the George Wilson Center is in disrepair and should be addressed to support the longevity and accessibility of the building. An automatic opener can also be installed if such repairs are approved, which will allow for proper ADA access to the GWC. Price estimate is $40,000 for 2023.

The doorway and floor separating the offices and garage in bldg. 1 at the FOC is in disrepair and should be replaced. Not a current safety issue, but could be over time. Since money was just invested in the roof of this building, repairs of this nature are encouraged to support the longevity of the building. Price estimate is $25,000 to repair in 2024.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	40,000	25,000	-	-	$ 65,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 40,000**	**$ 25,000**	**$ -**	**$ -**	**$ 65,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: N2001

PROJECT TITLE: City Hall - Electric Vehicle Charging Station Wiring

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 21,000	$ -	$ -	$ -	$ -	$ 21,000
*Prior Authorized Balance:	$ 24,654	$ -	$ -	$ -	$ -	$ 24,654
2022-2026 Funding:	**$ 45,654**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 45,654**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
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:	2022
Est. Useful Life (in years):	7
Est. Total Cost:	$ 77,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 31,346
% Complete (if underway):	40.7%
Balance to be funded[1]:	$ 45,654

[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	$ 30,654
Other Contracts:		$ -
TOTAL PROJECT COST		$ 45,654

[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 addition to the three originally purchased dual-port charging stations, the new funding for 2022 will allow the City to expand from 2 to 8 EV charging stations in Lot #1. Please note that current DNREC rebate availability runs through 6/30/21 unless renewed through the state budget process in FY22 (will have an update by July staff budget meetings). Added for 2022 to capitalize on rebate availability, if approved by the state (rebates may be less available in out-years). DNREC rebates estimated at $7,000/charger based on 2021 amounts.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(9,117)	-	-	$ (9,117)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	21,000	-	-	-	-	$ 21,000
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER Green Energy Fund	35,000	-	1,229	$ 33,771	24,654	-	-	-	-	$ 24,654
TOTAL:	**$ 25,883**	**$ -**	**$ 1,229**	**$ 24,654**	**$ 45,654**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 45,654**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: N2002

PROJECT TITLE: City Hall - Carpet and Lobby Floor Upgrades

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 50,000	$ 40,000	$ -	$ -	$ -	$ 90,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 50,000**	**$ 40,000**	**$ -**	**$ -**	**$ -**	**$ 90,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
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:	$ 93,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 3,000
% Complete (if underway):	3.2%
Balance to be funded[1]:	$ 90,000

[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	$ 27,000
Materials:	6006016.9621	$ 63,000
Other Contracts:		$ -
TOTAL PROJECT COST		$ 90,000

[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 (completed through inclusion of Parking Office move to new location)

Phase 2 (2022): 1st-floor of City Hall (carpet) - Estimate $20,000* & 2nd-floor of City Hall - Estimate $30,000

Phase 3 (2023): Newark Police Department - Estimate $40,000

*Excludes Inspectors' area (fairly new carpeting) and City Council Chambers (previously included in capital project N1702) that was removed from the budget per council in 2019. Council chambers renovation will be a separate project.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	3,000	-	3,000	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	50,000	40,000	-	-	-	$ 90,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 3,000**	**$ -**	**$ 3,000**	**$ -**	**$ 50,000**	**$ 40,000**	**$ -**	**$ -**	**$ -**	**$ 90,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

N2002: City Hall - Carpet and Lobby Floor Upgrades

Supporting Documentation - Page 1 of 9

Associated Photos

Image #1: Code Enforcement Office. Note the three different carpets used as a makeshift solution.



Image #2: Alderman's Court



N2002: City Hall - Carpet and Lobby Floor Upgrades

Supporting Documentation - Page 2 of 9

Associated Photos

Images #3 and 4: Alderman's Court – Waiting area & bailiff's podium.



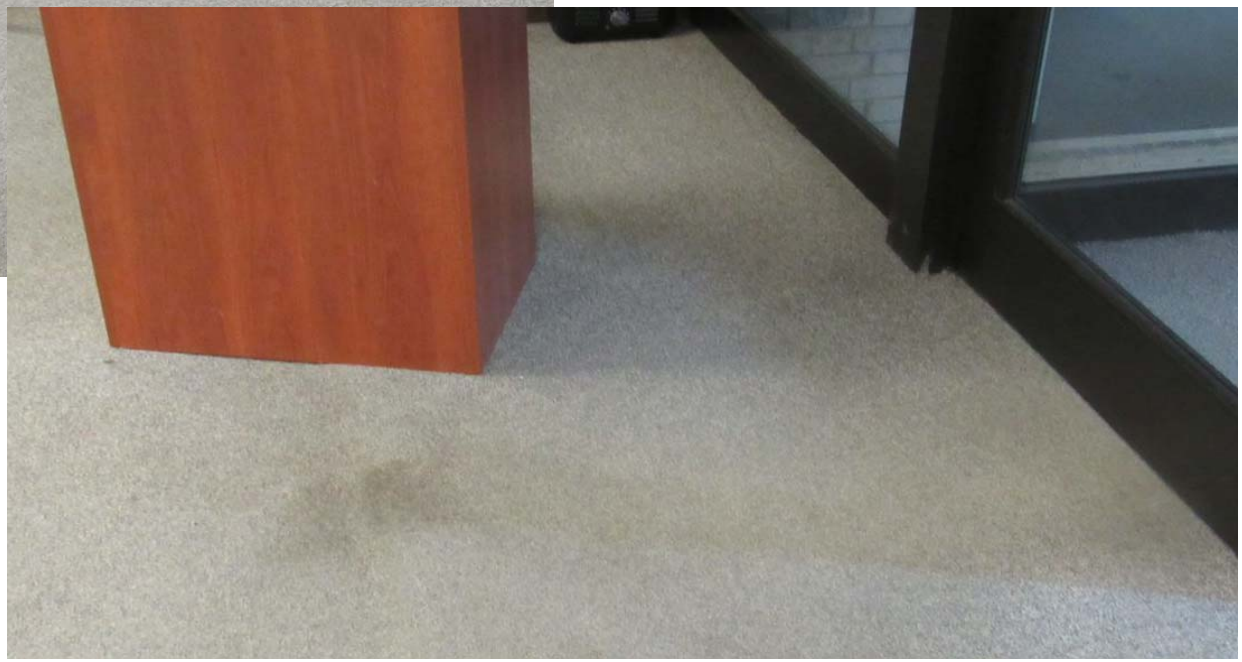


Image #5: Deputy Chief's office. Note water staining due to leaking roof and window (now fixed) over past several years.



N2002: City Hall - Carpet and Lobby Floor Upgrades

Supporting Documentation - Page 4 of 9

Associated Photos

Images #6, 7 and 8: NPD 2nd floor hallway.







N2002: City Hall - Carpet and Lobby Floor Upgrades

Supporting Documentation - Page 5 of 9

Associated Photos

Images #9 and 10: Police Chief's Conference Room. Note this is where police applicant interviews and internal police promotional interviews occur.





Image #11: Police Chief's office.



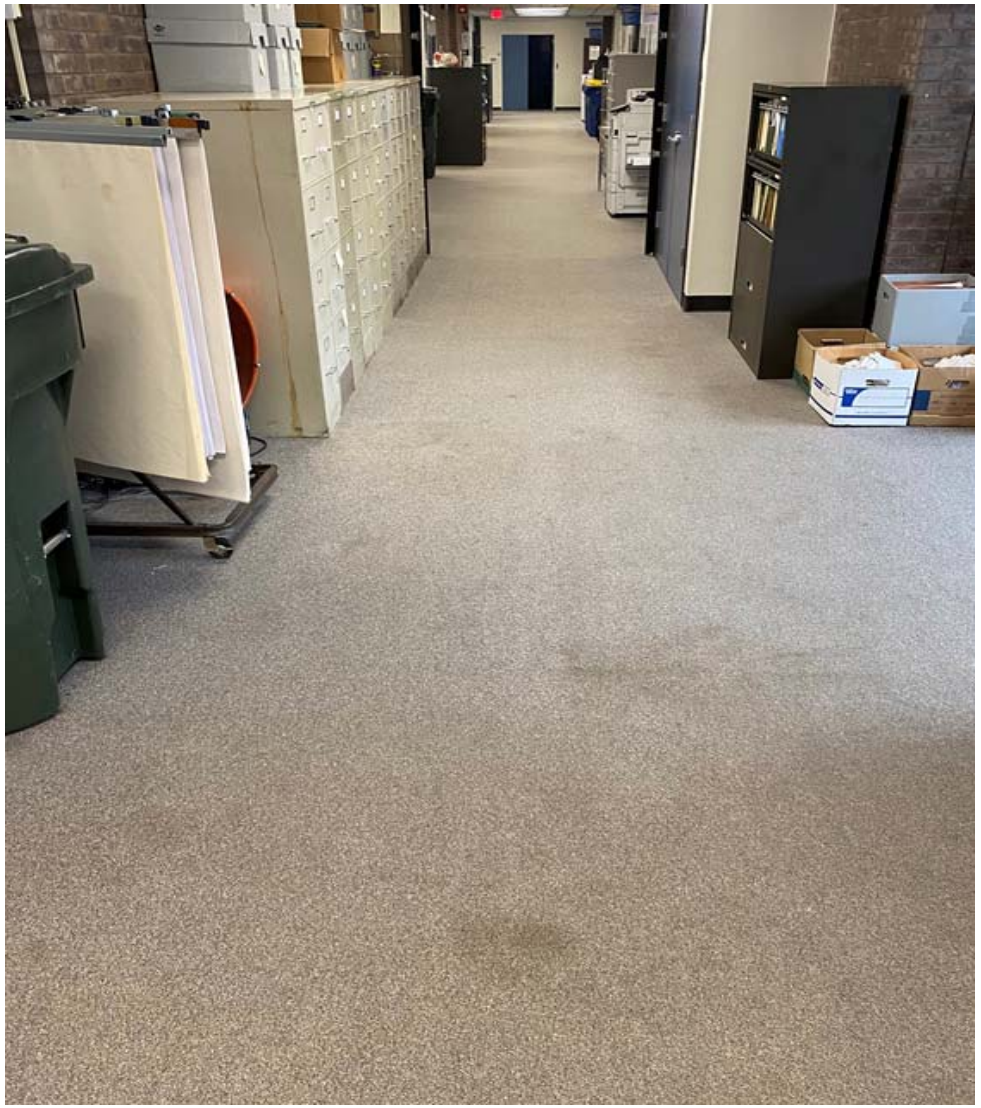
N2002: City Hall - Carpet and Lobby Floor Upgrades

Supporting Documentation - Page 7 of 9

Associated Photos

Images #12 and 13: City Hall 2nd floor Finance area





N2002: City Hall - Carpet and Lobby Floor Upgrades

Supporting Documentation - Page 8 of 9

Associated Photos

Images #15 and 16: City Hall 2nd floor hallway.





N2002: City Hall - Carpet and Lobby Floor Upgrades

Supporting Documentation - Page 9 of 9

Associated Photos

Image #17: City Manager's Office.



PROJECT NO: N2003

PROJECT TITLE: City Building Roof Repair/Replacement

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
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:	2021
Est. Useful Life (in years):	20
Est. Total Cost:	$ 10,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 10,000
% 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:

On August 14, 2019, American Partner Technologies, LLC (AMPT) submitted a comprehensive roof survey report. In this report were recommendations to alleviate the roofing issues the City's flat roofed buildings experience. These repair estimates were in the $1-2 million range.

Following the Seiberlich Trane ESCO Project (CIP N1901), all needed roof repairs are complete.

Please note, this project is "closed" and will be completed in 2021.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	10,000	1,950	8,050	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ 10,000	$ 1,950	$ 8,050	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: N1901

PROJECT TITLE: Energy Savings Project (ESCO)

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Municipal Building
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:	2019
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	$ 7,850,388
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 7,850,388
% 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:

$8,050 remaining from N2003 to be moved here to cover a portion of change order work to add roofing repairs to the ESCO project ($10,437.60 net added to ESCO for extra roofing). This funding gap may reconcile itself over the course of the project due to credits, but still unknown.

"This project was previously titled "City Hall – HVAC System Upgrades" and was renamed 10/2020"

This project covers the replacement of the existing HVAC system at the City Municipal Building and Newark Police Department Buildings. These units are very inefficent 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.

In addition to HVAC replacements and repairs at the Municipal Center and George Wilson Center ($2,836,617.65) , the following energy conservation measures (ECMs) are including in the project or are costs associated with this CIP:
-Project management and administrative costs: $1,325,111.21
-LED Interior lighting improvements (Municipal Center & GWC): $163,905.00
-LED exterior lighting improvements (Municipal Center, Street & Pedestrian Lights, Parking Lots, and FOC): $1,362,621.40
-Solar Panel Installation (Municipal Center, GWC, Field adjacent to Reservoir, FOC Bldgs. #1 & #2, and McKees): $2,582,296.90
-Roofing Repairs (select locations at Municipal Center, GWC, & FOC Bldg. #1): $1,007,468.36
-Misc. (transformers, Curtis Plant Pump VFDs, & Waste Oil Generator): $211,275.30

Funding Schedule:

2021 'Grant' Funding Detail:
$250,330 - DNREC Energy Efficiency Investment Fund (EEIF) Grant
$783,000 - State Grant

2021 'Other' Funding Details:
$8,150,965 - ESCO (Energy Savings, O&M Savings, SREC Sales/Savings, Pledged SRECs, and Green Energy Fund Contributions)
$175,000 - McKee's Solar Park
$80,000 - CAC Contribution
$50,000 - Efficiency Smart Contribution

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	(1,638,907)	-	-	$ (1,638,907)	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS DNREC EEIF Grant Funding & State Grant	1,033,330	-	1,033,330	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER ESCO, McKee's Solar, CAC, Effic. Smart	8,455,965	-	6,817,058	$ 1,638,907	-	-	-	-	-	$ -
TOTAL:	**$ 7,850,388**	**$ -**	**$ 7,850,388**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: N1803

PROJECT TITLE: Exterior Paint and Powerwash

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
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:	2022
Est. Useful Life (in years):	10
Est. Total Cost:	$ 100,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 100,000

[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	$ 100,000
TOTAL PROJECT COST		$ 100,000

[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 (Municipal Complex) 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 consmetic improvements. Furthermore, HR considers the current state/perception of the building (see photos) is a recruitment and possibly retention issue. Specifically, NPD has noted repeated facility issues as a hinderance to the police applicant recruitment process; maybe efforts have been made to address some of these issues (roof repairs, lighting improvements), but the exterior look of the building remains problematic. Previously, 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.

Pushed back from 2021 to 2022 to allow for revenues to restabilize from the COVID-19 pandemic. No further deferrals recommended as this will result in added costs to repair and replace in the future. Cost estimate is based on previously authorized similar work at George Wilson Center.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	100,000	-	-	-	-	$ 100,000
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

Images #1 and 2: South Main Street Side of City Hall.





Images #3 and 4: South Main Street Side of City Hall.





Images #5 and 6: South Main Street Side of City Hall.





Images #7 and 8: Stairs to City Hall from South Main Street bus station.





Image #9: Apple Road side of Newark Police Department.



Image #10: Newark Police Department.



N1803: Exterior Paint and Powerwash

Supporting Documentation - Page 7 of 13

Associated Photos

Images #11, 12, 13 and 14: Newark Police Department and Municipal Complex loading dock (Apple Road view).









Images #15 and 16: Newark Police Department Sally Port (Apple Road view).





Associated Photos

Image #17: Municipal Complex from Parking Lot (City Hall and NPD).



Image #18: Newark Police Department Sally Port (lot side).



Image #19: Newark Police Department.



N1803: Exterior Paint and Powerwash

Supporting Documentation - Page 12 of 13

Associated Photos

Images #20, 21 and 22: Newark Police Department between Sally Port and Atrium.





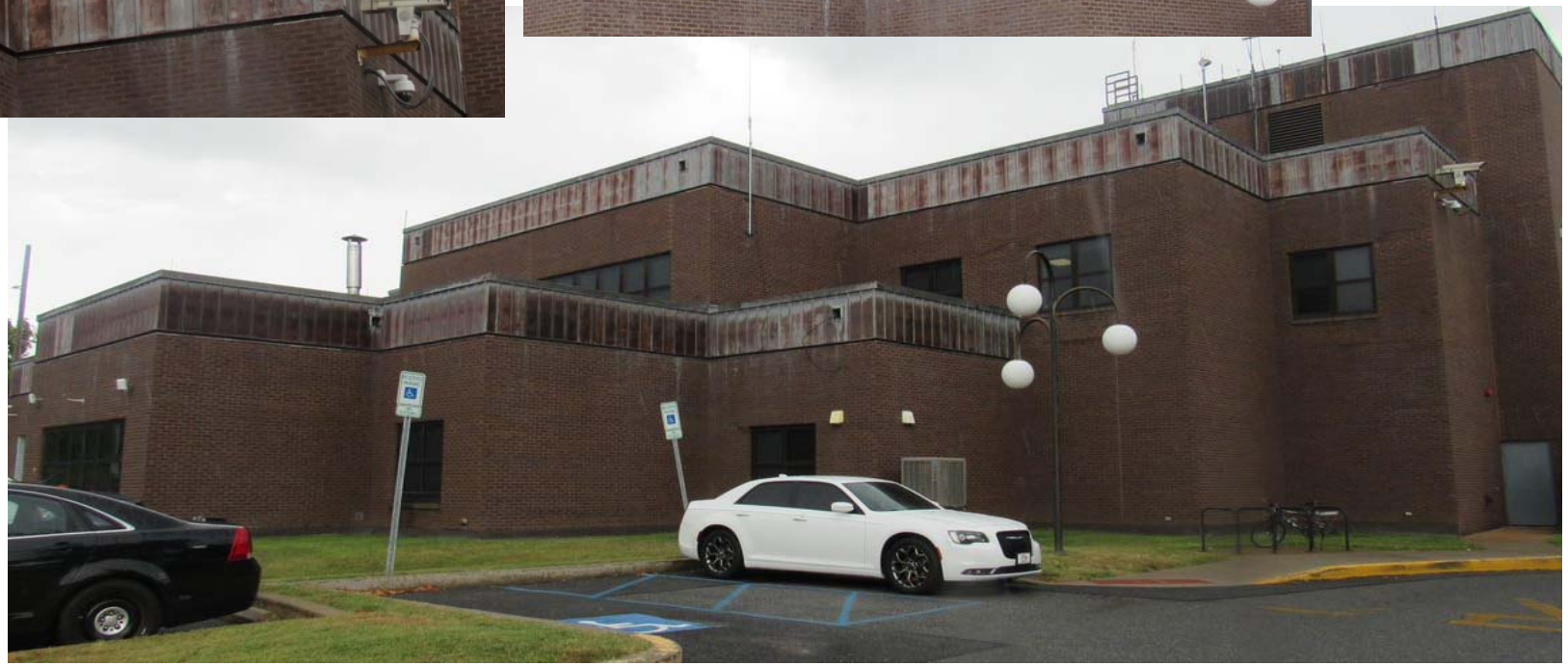


Image #23: City Manager's Office Exterior.



PROJECT NO: N1806

PROJECT TITLE: FOC - Master Plan

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 116,360	$ -	$ -	$ -	$ 116,360
*Prior Authorized Balance:	$ -	$ 63,640	$ -	$ -	$ -	$ 63,640
2022-2026 Funding:	**$ -**	**$ 180,000**	**$ -**	**$ -**	**$ -**	**$ 180,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
DIVISION:	Facilities Maintenance
FUND:	Maintenance
PROJECT LOCATION:	Field Operations Complex
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:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 528,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 348,000
% Complete (if underway):	65.9%
Balance to be funded[1]:	$ 180,000

[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	$ 180,000
TOTAL PROJECT COST		$ 180,000

[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:

Previous listed phases 4, 5, & 6 below were presented during the ARPA discussion on 5/3/21; phases 4 and 6B were approved.

'This project was previously identified as M1101 (PWWR - Maintenance) and has now been moved and renumbered to Facilities Divsion.

Phase 1: Needs Assessment and Master Planning (Completed 2016)
Phase 2: Salt Shed Construction (Completed 2017)
Phase 3: Demolition of Building #3 (Completed 2018)
Phase 4: Fencing Repairs/private slats and associated trimming work (2023) - $100,000
Phase 5: New Parking Area - Estimate $80,000 (2023)

Please note, $23,000 was transferred from CIP Project M1401.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	116,360	-	-	-	$ 116,360
CAPITAL RESERVES	(25,027)	-	-	$ (25,027)	-	7,640	-	-	-	$ 7,640
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	295,000	-	206,333	$ 88,667	-	56,000	-	-	-	$ 56,000
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 269,973**	**$ -**	**$ 206,333**	**$ 63,640**	**$ -**	**$ 180,000**	**$ -**	**$ -**	**$ -**	**$ 180,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: N1809

PROJECT TITLE: TRN - New Windows

PROJECT STATUS: In Progress (with end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 150,000	$ -	$ -	$ -	$ 150,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ 150,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
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:	2023
Est. Useful Life (in years):	20
Est. Total Cost:	$ 150,000
Est. Spend @ 12/31/2021 (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:	6006016.9621	$ 90,000
Other Contracts:	6006016.9621	$ 60,000
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:

The Newark Train Station windows are in 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.

Pushing back to 2023 to allow revenue streams to restabilize:

-Design and procurement: Spring 2023
-Contract: Summer 2023
-Installation and lead paint remediation: Fall 2023

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	120,000	-	-	-	$ 120,000
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS TBD	-	-	-	$ -	-	30,000	-	-	-	$ 30,000
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ -**	**$ -**	**$ 150,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: NEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ -	$ -	$ -	$ -
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ -	$ -	$ -	$ -

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
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:	$ -
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
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 note that although there is $0 budgeted from 2022-2026, this CIP sheet will remain as part of the 2022-2026 Capital Improvement Program. Please reference the supporting documentation on the following page for the Vehicle Replacement Program Schedule (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
MAINTENANCE FUND, ADMINISTRATIVE DEPARTMENT, FACILITIES MAINTENANCE DIVISION

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
	STAFF VEHICLES														
642	2016 Ford F250 Pickup Truck 4x4		01/22/16	23,535	13,951	70,000	12	2028	2028	23,535					
TOTAL FACILITIES MAINTENANCE DIVISION										**GROSS ACQUISITION COST**	$ -	$ -	$ -	$ -	$ -
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF CURRENT RESOURCES	-	-	-	-	-
										NET EQUIPMENT SINKING FUND TOTAL	$ -	$ -	$ -	$ -	$ -

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
	STAFF VEHICLES														
641	2004 Ford E250 Van	EV - Proposed	07/08/04	14,196	78,610	64,000	5	2022	2022	N/A	50,000				

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

CAPITAL PROJECTS FUND - PLANNING AND DEVELOPMENT DEPARTMENT - CODE ENFORCEMENT DIVISION

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 644,335	$ 40,000	$ -	$ -	$ -	$ 684,335
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ 644,335	$ 40,000	$ -	$ -	$ -	$ 684,335

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
B2201	EnerGov Civic Services Software	B	$ -	$ 644,335	$ -	$ 644,335	$ -	$ -	$ -	$ -	$ 644,335
BEQSF	Equipment Replacement Program	B	-	-	-	-	40,000	-	-	-	40,000
Total General Fund - Code Enforcement Division			**$ -**	**$ 644,335**	**$ -**	**$ 644,335**	**$ 40,000**	**$ -**	**$ -**	**$ -**	**$ 684,335**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ -	$ 644,335	$ -	$ 644,335	$ 40,000	$ -	$ -	$ -	$ 684,335
	LESS: USE OF RESERVES		-	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		-	-	-	-	(19,851)	-	-	-	(19,851)
	GRANTS		-	-	-	-	-	-	-	-	-
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	(644,335)	-	(644,335)	-	-	-	-	(644,335)
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ -	$ -	$ -	$ -	$ 20,149	$ -	$ -	$ -	$ 20,149

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

PROJECT NO: B2201

PROJECT TITLE: EnerGov Civic Services Software

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ 644,335	$ -	$ -	$ -	$ -	$ 644,335
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ 644,335**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 644,335**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Planning & Development
DIVISION:	Code Enforcement
FUND:	Capital Projects
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:	2022
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	10+
Est. Total Cost:	$ 644,335
Est. Spend @ 12/31/2021 (if underway)[1]:	$ -
% Complete (if underway):	0.0%
Balance to be funded[1]:	$ 644,335

[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	$ 644,335
TOTAL PROJECT COST		$ 644,335

[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:

EnerGov is a software platform from Tyler Technologies that is specifically designed to handle complex permitting, licensing and land use processes. EnerGov also has full interfacing capabilities with our present payment and accounting software, MUNIS also a Tyler product.

This software will allow the Planning and Code Enforcement Department to provide a higher level of customer service by improving efficiency and by giving applicants the opportunity to submit permit, license and planning applications electronically and allowing for a fully remote operation in the event of an emergency situation such as those caused by the recent pandemic.

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	-	-	-	$ -
CAPITAL RESERVES	-	-	-	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	644,335	-	-	-	-	$ 644,335
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 644,335**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 644,335**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

PROJECT NO: BEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 40,000	$ -	$ -	$ -	$ 40,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ 40,000**	**$ -**	**$ -**	**$ -**	**$ 40,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Planning & Development
DIVISION:	Code Enforcement
FUND:	Capital Projects
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:	$ 60,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 20,000
% Complete (if underway):	33.3%
Balance to be funded[1]:	$ 40,000

[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	$ 40,000
TOTAL PROJECT COST		$ 40,000

[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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	20,149	-	-	-	$ 20,149
CAPITAL RESERVES	3,852	-	3,852	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	16,148	-	16,148	$ -	-	19,851	-	-	-	$ 19,851
GRANTS (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 20,000**	**$ -**	**$ 20,000**	**$ -**	**$ -**	**$ 40,000**	**$ -**	**$ -**	**$ -**	**$ 40,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

CAPITAL PROJECTS FUND - ADMINISTRATIVE DEPARTMENT - MANAGEMENT DIVISION

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 35,000	$ -	$ -	$ -	$ 35,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ 35,000	$ -	$ -	$ -	$ 35,000

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
AEQSF	Equipment Replacement Program	B	-	-	-	-	35,000	-	-	-	35,000
Total General Fund - Code Enforcement Division			$ -	$ -	$ -	$ -	$ 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		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	-	-	-	-	-	-	-	-
	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: AEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ 35,000	$ -	$ -	$ -	$ 35,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ 35,000	$ -	$ -	$ -	$ 35,000

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Administrative
DIVISION:	Management
FUND:	Capital Projects
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 @ 12/31/2021 (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:	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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	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	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	$ -	$ -	$ -	$ -	$ -	$ 35,000	$ -	$ -	$ -	$ 35,000

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026
(with current year amended budget)

TRANSPORTATION FUND - PLANNING AND DEVELOPMENT DEPARTMENT - UNICITY

F U N D I N G S U M M A R Y

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 150,000	$ -	$ 175,000	$ 325,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	$ -	$ -	$ 150,000	$ -	$ 175,000	$ 325,000

*Prior Authorized Balance includes 2021 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2021 BUDGET AS AMENDED	2022 RESERVES AND OTHER FUNDING	2022 CURRENT FUNDING	2022	2023	2024	2025	2026	TOTAL
UEQSF	Equipment Replacement Program	D	$ 130,000	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ 175,000	$ 325,000
Total Unicity Transportation Fund			**$ 130,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ 175,000**	**$ 325,000**
PLANNED FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		$ 130,000	$ -	$ -	$ -	$ -	$ 150,000	$ -	$ 175,000	$ 325,000
	LESS: USE OF RESERVES		(15,927)	-	-	-	-	-	-	-	-
	VEHICLE & EQUIPMENT REPLACEMENT		-	-	-	-	-	-	-	-	-
	GRANTS		(114,073)	-	-	-	-	(114,073)	-	(114,073)	(228,146)
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	AMERICAN RESCUE PLAN ACT		-	-	-	-	-	-	-	-	-
	OTHER FINANCING SOURCES		-	-	-	-	-	-	-	-	-
	NET CAPITAL IMPROVEMENTS		$ -	$ -	$ -	$ -	$ -	$ 35,927	$ -	$ 60,927	$ 96,854

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

PROJECT NO: UEQSF

PROJECT TITLE: Equipment Replacement Program

PROJECT STATUS: Reoccurring (with no end date)

*Prior Authorized Balance includes 2021 carryover funding only.

FUNDING SUMMARY:

	2022	2023	2024	2025	2026	Total 5 Year
New Funding:	$ -	$ -	$ 150,000	$ -	$ 175,000	$ 325,000
*Prior Authorized Balance:	$ -	$ -	$ -	$ -	$ -	$ -
2022-2026 Funding:	**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ 175,000**	**$ 325,000**

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	Planning & Development
DIVISION:	Unicity Transportation
FUND:	Transportation
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:	$ 455,000
Est. Spend @ 12/31/2021 (if underway)[1]:	$ 130,000
% Complete (if underway):	28.6%
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:	1591506.9623	$ 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 (2022-2026).

PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized[2]	Actual Funds Utilized as of 03/31/21	Estimated Expenditures 04/01/21 - 12/31/21	Estimated Authorized Balance[2] 12/31/21	2022	2023	2024	2025	2026	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	$ -	-	-	35,927	-	60,927	$ 96,854
CAPITAL RESERVES	15,927	-	15,927	$ -	-	-	-	-	-	$ -
EQUIPMENT REPLACEMENT	-	-	-	$ -	-	-	-	-	-	$ -
GRANTS (SPECIFY)	114,073	-	114,073	$ -	-	-	114,073	-	114,073	$ 228,146
BOND ISSUES	-	-	-	$ -	-	-	-	-	-	$ -
STATE REVOLVING LOAN	-	-	-	$ -	-	-	-	-	-	$ -
AMERICAN RESCUE PLAN ACT	-	-	-	$ -	-	-	-	-	-	$ -
OTHER (SPECIFY)	-	-	-	$ -	-	-	-	-	-	$ -
TOTAL:	**$ 130,000**	**$ -**	**$ 130,000**	**$ -**	**$ -**	**$ -**	**$ 150,000**	**$ -**	**$ 175,000**	**$ 325,000**

§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET	OPERATING IMPACT:	2022	2023	2024	2025	2026	TOTAL
	INCREMENTAL COSTS (NET SAVINGS)	-	-	-	-	-	$ -

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2022-2026
OTHER DEPARTMENTS

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	REPLACEMENT COSTS 2022	2023	2024	2025	2026
CODE ENFORCEMENT DIVISION:															
804	2019 Chevrolet Equinox AWD		01/18/19	22,043	13,691	70,000	12	2031	2031	22,043					
827	2000 Ford Crown Victoria Sedan		08/11/00	19,851	50,638	65,000	12	2012	2023	19,851	-	40,000			
836	2019 Chevrolet Equinox AWD		01/18/19	22,043	8,016	75,000	12	2031	2031	22,043					
837	2017 Ford Fusion		08/04/17	17,779	24,111	70,000	12	2029	2029	17,779					
839	2018 Chevy Equinox LS AWD		02/21/18	22,020	11,083	65,000	12	2018	2030	22,020					
840	2019 Chevrolet Equinox AWD		06/07/19	22,122	4,507	65,000	12	2031	2031	22,122					
TOTAL CODE ENFORCEMENT DIVISION											-	40,000	-	-	-
ADMINISTRATIVE DEPARTMENT:															
1056	2009 Ford Focus		04/03/09	12,369	48,588	75,000	12	2021	2023	12,369		35,000			
TOTAL ADMINISTRATIVE DEPARTMENT											-	35,000	-	-	-
UNICITY TRANSPORTATION FUND:															
1301	2018 Int'l Mini-Bus		03/09/17	113,426	53,360	100,000	7	2024	2024	N/A			150,000		
1304	2020 Int'l Mini-Bus		10/15/19	120,021	24,807	100,000	7	2019	2026	N/A					175,000
1305	2015 Int'l Mini-Bus	a.	06/30/14	110,342	99,307	100,000	7	2021	2021	N/A					
	Less: Unicity Transportation Grant Funding												(114,073)		(114,073)
TOTAL UNICITY TRANSPORTATION FUND											-	-	35,927	-	60,927
TOTAL OTHER DEPARTMENTS										**GROSS ACQUISITION COST**	**$ -**	**$ 75,000**	**$ 150,000**	**$ -**	**$ 175,000**
										LESS: USE OF CAPITAL RESERVES	-	-	-	-	-
										LESS: USE OF GRANT FUNDING	-	-	(114,073)	-	(114,073)
										LESS: USE OF CURRENT RESOURCES	-	(42,780)	(35,927)	-	(60,927)
										NET EQUIPMENT SINKING FUND TOTAL	**$ -**	**$ 32,220**	**$ -**	**$ -**	**$ -**

a. This vehicle is scheduled to be replaced in 2021.

VEHICLE NUMBER	DESCRIPTION	ALT FUEL VEHICLE	LEASE START DATE	LEASE PRICE	MILEAGE AS OF 8/31/2021	RECOM'D MILEAGE AT REPL	LEASE TERM	NORMAL REPL YEAR	BUDGET REPL YEAR	EQUIPMENT SINKING FUND BASIS	LEASE PAYMENT SCHEDULE 2022	2023	2024	2025	2026
CODE ENFORCEMENT DIVISION:															
803	2007 Dodge Durango 4x4	EV - Proposed	02/09/07	20,545	62,070	70,000	5	2022	2022	N/A	35,000				
838	2009 Ford Focus	EV - Proposed	04/03/09	12,369	47,047	75,000	5	2022	2022	N/A	40,000				

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2022-2026

DOCUMENT VERSION CONTROL

Date:	Description of Change(s):