

# CAPITAL IMPROVEMENT PROGRAM (CIP) PROJECT DETAIL 2020-2024

**AS APPROVED** 

**NOVEMBER 18, 2019** 

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#### CITY OF NEWARK DELAWARE

October 2, 2019

TO: Planning Commission Members

VIA: Mary Ellen Gray, Planning and Development Director Me Shory

FROM: Thomas Coleman, Acting City Manager

David Del Grande, Director of Finance

RE: Submission of the 2020-2024 Capital Improvement Plan

The first draft of the 2020-2024 Capital Improvement Plan (CIP) for the City of Newark is attached for your review in advance of the October 15, 2019 meeting of the Planning Commission. The City's Charter requires that a listing of all planned capital improvements be submitted to the Mayor and Council on an annual basis. The CIP document is being provided for your review and consideration pursuant to Section 2-89 of the City Code, which requires that the Planning Commission, after considering the advice of the Planning Director, advise City Council on expenditures for capital improvements where such improvements refer to a matter covered by the comprehensive plan.

The CIP document is a planning tool for projects and purchases that have a life expectancy of over six years and/or a cost of more than \$20,000, although exceptions to this rule may apply for reasons of funding type or purpose. The CIP document as presented here or as modified during the ongoing budget preparation process will also be presented to Newark's Mayor and Council with the overall operating budget for 2020.

The projects and purchases presented were developed over months of departmental research and prioritization, including numerous administrative budget hearings. The projects represent the recommendations of our department directors and our financial and administrative staff. Additionally, it is deemed that the projects and purchases are of a level that we can achieve and that are in the best interest of our community. On each detail sheet, it is noted how the respective project aligns with the City's Comprehensive Plan vision elements, provides code references for certain required projects, and provides the estimated future operating budget impact resulting from the project, if applicable. The 2020 CIP shows only minor changes from what was presented to the Planning Commission in 2019. The successful referendum in June 2018 provided a path forward to blend debt financing into our Capital budget, providing more predictable funding and smoothing out year to year fluctuations in spending. The 2020-2024 Capital Improvement Plan balances the City's use of reserve spending, along with the responsible use of the State Revolving Loan Program/bond authorizations for selected projects.

Your review of this document is sincerely appreciated. We look forward to presenting the highlights and answering questions you have on the evening of October 15, 2019. To maximize efficiencies, save money, and "be green," this document is only being provided electronically and will be posted to the City's website for reference. If you prefer a bound copy, please reply and we will construct and deliver a hard copy to you.

Attachments



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

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

FUNDING SUMMARY

New Funding: \*Prior Authorized Balance: 2019-2023 Funding:

			•	U	N D I N G	,	O IVI IVI A I	٠.					
	2020		2021			2022		2023		2024		To	otal 5 Year
\$	11,703,568		\$ 15,227,859		\$	10,525,912	\$	8,268,459	9	\$ 26,006,884	1	\$	71,732,682
\$	8,809,097		\$ 35,388		\$	=	\$	2,000,000	9	\$ -		\$	10,844,485
\$	20,512,665		\$ 15,263,247		\$	10,525,912	\$	10,268,459	3	\$ <b>26,006,88</b> 4	ļ	\$	82,577,167

\*Prior Authorized Balance includes 2019 carryover funding only.

	2019 BUDGET AMENDED	2020 RESERVES & OTHER FUNDING	 CURRENT FUNDING	2020	P R O P 2021	O S E D B U D G	G E T S 2023	2024	TOTAL PROPOSED AMOUNTS
	AMENDED	OTHERTORDING	TONDING	2020	2021	2022	2023	2024	AMOONIS
ELECTRIC FUND	\$ 1,428,444	\$ 423,890 \$	1,057,716	\$ 1,481,606	\$ 975,000	\$ 1,410,000	\$ 3,038,000	\$ 15,945,000	\$ 22,849,606
WATER FUND	5,329,155	4,886,241	147,155	5,033,396	2,569,000	4,229,000	1,554,000	3,000,000	16,385,396
SEWER FUND	1,355,000	1,000,000	-	1,000,000	800,000	800,000	1,300,000	1,350,000	5,250,000
STORMWATER FUND	5,784,500	6,027,353	516,053	6,543,406	645,000	570,000	640,000	870,000	9,268,406
PUBLIC WORKS - GENERAL FUND	2,179,150	1,302,545	444,903	1,747,448	2,988,736	1,918,178	2,582,441	3,475,000	12,711,803
POLICE DEPARTMENT	613,324	205,732	400,232	605,964	4,979,403	207,734	735,568	681,884	7,210,553
PARKS & RECREATION DEPARTMENT	1,947,500	2,199,954	277,000	2,476,954	1,370,108	1,301,000	343,450	495,000	5,986,512
PARKING FUND	718,116	137,242	206,149	343,391	183,000	-	-	40,000	566,391
INFORMATION TECHNOLOGY DIVISION	108,200	-	32,500	32,500	388,000	75,000	-	-	495,500
MAINTENANCE FUND	566,000	1,225,000	3,000	1,228,000	185,000	15,000	40,000	-	1,468,000
OTHER DEPARTMENTS/DIVISIONS	155,000	16,148	3,852	20,000	180,000		35,000	150,000	385,000
GROSS CAPITAL IMPROVEMENTS	\$ 20,184,389	\$ 17,424,105	3,088,560	\$ 20,512,665	\$ 15,263,247	\$ 10,525,912	\$ 10,268,459	\$ 26,006,884	\$ 82,577,167
PLANNED FINANCING SOURCES:									
GROSS CAPITAL IMPROVEMENTS	\$ 20,184,389	\$ 17,424,105 \$	3,088,560	\$ 20,512,665	\$ 15,263,247	\$ 10,525,912	\$ 10,268,459	\$ 26,006,884	\$ 82,577,167
LESS: USE OF RESERVES	(1,363,330)	(654,726)	-	(654,726)	(281,030)	(43,223)	(2,286,446)	(223,995)	(3,489,420)
VEHICLE & EQUIPMENT REPLACEMENT	(1,001,105)	(730,778)	-	(730,778)	(1,386,692)	(445,466)	(1,204,613)	(1,972,120)	(5,739,669)
GRANTS	(1,825,744)	(2,221,076)	-	(2,221,076)	(875,673)	(585,000)	(575,000)	(639,073)	(4,895,822)
BOND ISSUES	(680,650)	(767,947)	-	(767,947)	(414,736)	(368,178)	(107,181)	(15,700,000)	(17,358,042)
STATE REVOLVING LOAN	(10,625,000)	(11,360,048)	-	(11,360,048)	(2,650,000)	(4,325,000)	· · · · ·	-	(18,335,048)
OTHER FINANCING SOURCES	(687,000)	(1,689,530)		(1,689,530)	(4,473,000)	(270,000)	(220,000)	(100,000)	(6,752,530)
NET CAPITAL IMPROVEMENTS	\$ 4,001,560	\$ - 5	3,088,560	\$ 3,088,560	\$ 5,182,116	\$ 4,489,045	\$ 5,875,219	\$ 7,371,696	\$ 26,006,636

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

VEHICLE REPLACEMENT PROGRAM	REPLACEMENT COSTS													
BY DEPARTMENT/DIVISION		2020		2021		2022		2023		2024		TOTAL		
Electric Department	\$	297,000	\$	220,000	\$	250,000	\$	338,000	\$	100,000	\$	1,205,000		
(Public Works and Water Resources) - Water Division		302,701		100,000		50,000		50,000		-		502,701		
(Public Works and Water Resources) - Sewer Division		-		-		-		300,000		350,000		650,000		
(Public Works and Water Resources) - Stormwater Division		30,000		-		-		45,000		250,000		325,000		
(Public Works and Water Resources) - Refuse Division		-		655,000		-		-		1,200,000		1,855,000		
(Public Works and Water Resources) - Street Division		-		429,000		60,000		611,000		350,000		1,450,000		
(Public Works and Water Resources) - Engineering Division		-		-		-		35,000		-		35,000		
Police Department		152,000		281,000		52,000		585,000		640,000		1,710,000		
Parks and Recreation Department		40,000		30,000		145,000		155,000		25,000		395,000		
(Planning and Development) - Parking Division		51,000		-		-		-		40,000		91,000		
(Public Works and Water Resources) - Fleet Maintenance Division		-		-		-		-		-		-		
(Administrative) - Facilities Maintenance Division		-		35,000		-		-		-		35,000		
Other Departments/Divisions		20,000		180,000		-		35,000		150,000		385,000		
Gross Acquisition Costs for Vehicles		892,701		1,930,000		557,000		2,154,000		3,105,000		8,638,701		
Less: Use of Capital Reserves		(15,050)		(281,030)		(43,223)		(286,446)		(223,995)		(849,744)		
Less: Use of Grant Funding		(25,333)		(114,073)		-		-		(114,073)		(253,479)		
Less: Use of Current Resources		(183,720)		(318,354)		(105,661)		(695,125)		(836,696)		(2,139,556)		
Net Vehicle Replacement Program	\$	668,598	\$	1,216,543	\$	408,116	\$	1,172,429	\$	1,930,236	\$	5,395,922		
Equipment Replacement Program by Department/Division														
Police Department		62,180		53,149		37,350		32,184		41,884		226,747		
Finance Department - Information Technology Division		-		117,000		-		-		-		117,000		
Net Equipment Replacement Program	\$	62,180	\$	170,149	\$	37,350	\$	32,184	\$	41,884	\$	343,747		
Total Equipment and Vehicle Replacement Program	\$	730,778	\$	1,386,692	\$	445,466	\$	1,204,613	\$	1,972,120	\$	5,739,669		

## CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

#### FIVE YEAR PROPOSED SUMMARY BY FUND - GOVERNMENTAL FUNDS (with current year amended budget)

	2019		2020										TOTAL
	BUDGET	RESERVES &	CURRENT		2020	-		D BUDGE	ETS	2022	2024		ROPOSED
	AS AMENDED	OTHER FUNDING	FUNDING		2020		021	2022		2023	2024	Α	MOUNTS
COMMUNITY DEVELOPMENT FUND:													
GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES VEHICLE & EQUIPMENT REPLACEMENT GRANTS BOND ISSUES OTHER FINANCING SOURCES	\$ 25,000 - - (25,000) -	\$ 25,000 - - (25,000	- -	\$	25,000 - - (25,000) - -	\$	25,000 - - (25,000) - -	\$ 25,000 - - (25,000) -	\$	25,000 - - (25,000) - -	\$ 25,000 - - (25,000) - -	\$	125,000 - - (125,000) - -
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 LESS: USE OF RESERVES VEHICLE & EQUIPMENT REPLACEMENT GRANTS BOND ISSUES OTHER FINANCING SOURCES	\$ 4,848,174 (382,493) (586,949) (1,566,671) (405,650) (450,000)	\$ 3,699,375 (287,255 (223,430 (2,080,743 (647,947 (460,000	9)	\$	4,857,866 (287,259) (223,430) (2,080,743) (647,947) (460,000)	(1	9,751,247 (244,299) (1,150,288) (581,600) (414,736) (4,353,000)	\$ 3,476,912 (43,223) (230,967) (560,000) (368,178) (150,000)	\$	3,671,459 (286,446) (942,597) (500,000) (107,181) (100,000)	\$ 4,626,884 (188,068) (1,581,927) (500,000) - (100,000)	\$	26,384,368 (1,049,295) (4,129,209) (4,222,343) (1,538,042) (5,163,000)
NET CAPITAL IMPROVEMENTS	\$ 1,456,411	\$ -	\$ 1,158,487	\$	1,158,487	\$	3,007,324	\$ 2,124,544	\$	1,735,235	\$ 2,256,889	\$	10,282,479

## CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

#### FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE FUNDS (with current year amended budget)

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

#### CITY OF NEWARK, DELAWARE

#### **CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

#### FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE AND OTHER FUNDS (with current year amended budget)

	2019 BUDGET	20 RESERVES &	)20  CURRENT		P R <u>O P O</u>	SED BUDGET	·s		TOTAL PROPOSED
	AS AMENDED	OTHER FUNDING	FUNDING	2020	2021	2022	2023	2024	AMOUNTS
PARKING FUND:									
GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES VEHICLE & EQUIPMENT REPLACEMENT GRANTS BOND ISSUES OTHER FINANCING SOURCES	\$ 718,116 (652,116) - - - - (12,000)	\$ 137,242 (67,861) (41,029) (8,822) - (19,530)	\$ 206,149 - - - - - -	\$ 343,391 (67,861) (41,029) (8,822) - (19,530)	- - -	\$ - ; - - - - -	\$ - \$ - - - - -	40,000 - (24,457) - - -	\$ 566,391 (67,861) (65,486) (8,822) - (19,530)
NET CAPITAL IMPROVEMENTS	\$ 54,000	\$ -	\$ 206,149	\$ 206,149	\$ 183,000	\$ <u>-</u> <u>\$</u>	\$ - \$	15,543	\$ 404,692
MAINTENANCE FUND:									
GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES VEHICLE & EQUIPMENT REPLACEMENT GRANTS BOND ISSUES OTHER FINANCING SOURCES	\$ 566,000 (22,195) (17,805) - (275,000) (105,000)	\$ 1,225,000 - - (15,000) (120,000) (1,090,000)	\$ 3,000 - - - - - -	\$ 1,228,000 - - (15,000) (120,000) (1,090,000)	-	\$ 15,000 \$ - - - - - -	\$ 40,000 \$ - - - - -	- - - - -	\$ 1,468,000 (20,804) (14,196) (70,000) (120,000) (1,090,000)
NET CAPITAL IMPROVEMENTS	\$ 146,000	\$ -	\$ 3,000	\$ 3,000	\$ 95,000	\$ 15,000	\$ 40,000 \$	-	\$ 153,000
TRANSPORTATION FUND:									
GROSS CAPITAL IMPROVEMENTS  LESS: USE OF RESERVES  VEHICLE & EQUIPMENT REPLACEMENT  GRANTS  BOND ISSUES  OTHER FINANCING SOURCES	\$ 130,000 (15,927) - (114,073) -	\$ - - - -	\$ - - - - -	\$ -	\$ 130,000 \$ (15,927)	\$ - \$ - - - - -	\$ - \$ - - - -	150,000 (35,927) - (114,073) -	\$ 280,000 (51,854) - (228,146) - -
NET CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ - 5	\$ - 5	\$ - \$	-	\$ -
	FIVE YEAI	R SUMMARY BY FUN	D - TOTAL OF ALL FU	NDS (with current y	ear amended budge	et)			
GROSS CAPITAL IMPROVEMENTS  LESS: USE OF RESERVES  VEHICLE & EQUIPMENT REPLACEMENT  GRANTS  BOND ISSUES  STATE REVOLVING LOAN  OTHER FINANCING SOURCES  NET CAPITAL IMPROVEMENTS	\$ 20,184,389 (1,363,330) (1,001,105) (1,825,744) (680,650) (10,625,000) (687,000) \$ 4,001,560	\$ 17,424,105 (654,726) (730,778) (2,221,076) (767,947) (11,360,048) (1,689,530) \$ -	\$ 3,088,560 - - - - - - - - - - - - - - - - - - -	\$ 20,512,665 (654,726) (730,778) (2,221,076) (767,947) (11,360,048) (1,689,530) \$ 3,088,560	(281,030) (1,386,692) (875,673) (414,736) (2,650,000)	(43,223) (445,466) (585,000) (368,178) (4,325,000) (270,000)	\$ 10,268,459 \$ (2,286,446) (1,204,613) (575,000) (107,181) - (220,000) \$ 5,875,219 \$	26,006,884 (223,995) (1,972,120) (639,073) (15,700,000) - (100,000)	\$ 82,577,167 (3,489,420) (5,739,669) (4,895,822) (17,358,042) (18,335,048) (6,752,530) \$ 26,006,636

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

#### TOTAL PROJECT COSTS

#### FUNDING SUMMARI

New Funding: \*Prior Authorized Balance: 2020 Funding:

	2020	)		2020		2020	2020	2020	2020	2020	2020	2020	otal 2020
g:	\$	25,000	\$	3,452,031	\$	1,417,000	\$ 1,788,607	\$ 623,486	\$ 2,931,053	\$ 343,391	\$ 1,123,000	\$ -	\$ 11,703,568
e:	\$	-	\$	1,405,835	\$	64,606	\$ 3,244,789	\$ 376,514	\$ 3,612,353	\$ -	\$ 105,000	\$ -	\$ 8,809,097
g:	\$	25,000	\$	4,857,866	\$	1,481,606	\$ 5,033,396	\$ 1,000,000	\$ 6,543,406	\$ 343,391	\$ 1,228,000	\$ -	\$ 20,512,665
	*Prior Author	ized Balar	nce incl	udes 2018 carryove	er fur	nding only.					<u> </u>		

DEPARTMENT/DIVISION	COMMUNITY DEVELOPMENT FUND	CAPITAL PROJECTS FUND	ELECTRIC FUND	WATER FUND	SEWER FUND	STORMWATER FUND	PARKING FUND	MAINTENANCE FUND	TRANSPORTATION FUND	TOTAL
GENERAL GOV'T - FINANCE DEPARTMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GENERAL GOV'T - ADMINISTRATION DEPARTMENT	-	-	-	-	-	-	-	-	-	-
GENERAL GOV'T - INFORMATION TECHNOLOGY DIVISION	-	32,500	-	-	-	-	-	-	-	32,500
GENERAL GOV'T - LEGISLATIVE DEPARTMENT	-	-	-	-	-	-	-	-	-	-
PUBLIC SAFETY - CODE ENFORCEMENT DIVISION	-	20,000	-	-	-	-	-	-	-	20,000
PUBLIC SAFETY - POLICE DEPARTMENT	-	605,964	-	-	-	-	-	-	-	605,964
PUBLIC WORKS - REFUSE DIVISION	-	-	-	-	-	-	-	-	-	-
PUBLIC WORKS - STREET DIVISION	25,000	1,722,448	-	-	-	-	-	-	-	1,747,448
PUBLIC WORKS - ENGINEERING DIVISION	-	-	-	-	-	-	-	-	-	-
CULTURE & RECREATION - PARKS DEPARTMENT	-	2,476,954	-	-	-	-	-	-	-	2,476,954
ELECTRIC FUND	-	-	1,481,606	-	-	-	-	-	-	1,481,606
WATER FUND	-	-	-	5,033,396	-	-	-	-	-	5,033,396
SEWER FUND	-	-	-	-	1,000,000	-	-	-	-	1,000,000
STORMWATER FUND	-	-	-	-	-	6,543,406	-	-	-	6,543,406
PARKING FUND	-	-	-	-	-	-	343,391	-	-	343,391
MAINTENANCE FUND - FLEET MAINTENANCE DIVISION	-	-	-	-	-	-	-	-	-	-
MAINTENANCE FUND - FACILITIES MAINTENANCE DIVISION	-	-	-	-	-	-	-	1,228,000	-	1,228,000
TRANSPORTATION FUND - UNICITY DIVISION								·	. <u> </u>	
	\$ 25,000	\$ 4,857,866	\$ 1,481,606	\$ 5,033,396	\$ 1,000,000	\$ 6,543,406	\$ 343,391	\$ 1,228,000	\$ -	\$ 20,512,665
PLANNED FINANCING SOURCES										
GROSS CAPITAL IMPROVEMENTS	\$ 25,000	\$ 4,857,866	\$ 1,481,606	\$ 5,033,396	\$ 1,000,000	\$ 6,543,406	\$ 343,391	\$ 1,228,000	\$ -	\$ 20,512,665
LESS: USE OF RESERVES	· ·	(287,259)	(64,606)	(215,000)	-	(20,000)	(67,861)	-	-	(654,726)
VEHICLE & EQUIPMENT REPLACEMENT	-	(223,430)	(239,284)	(213,546)	-	(13,489)	(41,029)	-	-	(730,778)
GRANTS	(25,000)	(2,080,743)		(75,000)	-	(16,511)	(8,822)	(15,000)	-	(2,221,076)
BOND ISSUES	-	(647,947)	-	-	-	-	- '	(120,000)	-	(767,947)
STATE REVOLVING LOAN	-		-	(4,382,695)	(1,000,000)	(5,977,353)	-		-	(11,360,048)
OTHER FINANCING SOURCES		(460,000)	(120,000)				(19,530)	(1,090,000)	<u> </u>	(1,689,530)
NET CAPITAL IMPROVEMENTS	\$ -	\$ 1,158,487	\$ 1,057,716	\$ 147,155	\$ -	\$ 516,053	\$ 206,149	\$ 3,000	\$ -	\$ 3,088,560

## CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

#### **ELECTRIC FUND - ELECTRIC DEPARTMENT**

New Funding:
\*Prior Authorized Balance:
2020-2024 Funding:

	1	F U N	DING	sι	JMMAR	Υ			
2020	2021		2022		2023		2024	T	otal 5 Year
\$ 1,417,000	\$ 975,000	\$	1,410,000	\$	1,038,000	\$	15,945,000	\$	20,785,000
\$ 64,606	\$ -	\$	-	\$	2,000,000	\$	=	\$	2,064,606
\$ 1,481,606	\$ 975,000	\$	1,410,000	\$	3,038,000	\$	15,945,000	\$	22,849,606

\*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	_	20 RVES AND R FUNDING	C	 CURRENT CUNDING	2020	2021	2022	2023	2024	TOTAL
E2001	New Lines and Services	D	\$ 125,000	\$	-	\$	130,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 145,000	\$ 695,000
E2002	New Substation	В	-		-		300,000	300,000	-	-	2,000,000	15,700,000	18,000,000
E1911	34kV Line 3402 Capacity Upgrade	D	-		-		-	-	250,000	250,000	-	-	500,000
E1912	35kV Disconnect Switches Replacement - Kershaw Substation	D	-		-		-	-	150,000	150,000	150,000	-	450,000
E1805	Line Extension - UD Farm	D	170,000		-		150,000	150,000	-	-	=	-	150,000
E1806	Christianstead Underground Primary Cable Addition	D	-		-		-	-	50,000	-	-	-	50,000
E1807	Relay Replacements - Kershaw Substation	D	-		-		50,000	50,000	50,000	50,000	50,000	-	200,000
E1808	Voltage Upgrade - North College Avenue	D	-		-		50,000	50,000	-	-	-	-	50,000
E1809	12.47kV Line Extension	D	100,000		-		-	-	-	-	-	-	-
E1810	Lightning Arrestor Replacement	D	-		-		-	-	-	-	235,000	-	235,000
E1602	Circuit Breaker Replacement	D	-		-		70,000	70,000	-	-	-	-	70,000
E1502	Underground Distribution - UD Star Campus	D	120,000		120,000		-	120,000	120,000	120,000	120,000	-	480,000
E1203	CAD Software	D	40,444		40,444		-	40,444	-	-	-	-	40,444
E0503	SCADA and Automatic Switching	D	655,000		-		250,000	250,000	-	450,000	-	-	700,000
E8510	Transformer Maintenance (was once BF#6)	В	_		24,162		-	24,162	-	-	-	-	24,162
EEQSF	Equipment Replacement Program	D	218,000		239,284		57,716	 297,000	 220,000	250,000	338,000	 100,000	 1,205,000
Total Elec	ctric Fund - Electric Department		\$ 1,428,444	\$	423,890	\$	1,057,716	\$ 1,481,606	\$ 975,000	\$ 1,410,000	\$ 3,038,000	\$ 15,945,000	\$ 22,849,606
PLANNED	FINANCING SOURCES												
	GROSS CAPITAL IMPROVEMENTS		\$ 1,428,444	\$	423,890	\$	1,057,716	\$ 1,481,606	\$ 975,000	\$ 1,410,000	\$ 3,038,000	\$ 15,945,000	\$ 22,849,606
	LESS: USE OF RESERVES		(40,444)		(64,606)		-	(64,606)	-	-	(2,000,000)	-	(2,064,606)
	VEHICLE & EQUIPMENT REPLACEMENT		(149,600)		(239,284)		-	(239,284)	(162,761)	(176,500)	(216,230)	(56,576)	(851,351)
	GRANTS		-		-		-	-		- 1	-	- ,	
	BOND ISSUES		_		_		_	-	_	_	-	(15,700,000)	(15,700,000)
	OTHER FINANCING SOURCES		(120,000)		(120,000)		<u> </u>	 (120,000)	 (120,000)	 (120,000)	(120,000)	 -	 (480,000)
	NET CAPITAL IMPROVEMENTS		\$ 1,118,400	\$	-	\$	1,057,716	\$ 1,057,716	\$ 692,239	\$ 1,113,500	\$ 701,770	\$ 188,424	\$ 3,753,649

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



PROJECT NO: E2001

**PROJECT TITLE: New Lines and Services**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance:

lines. This project is required based on the obligation to serve new customers in the City.

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

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		30 Yrs.
Est. Total Cost:	\$	820,000
Est. Spend @ 12/31/2019 (if underway):	\$	125,000
% Complete (if underway):		15.2%
Balance to be funded¹:	\$	695,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

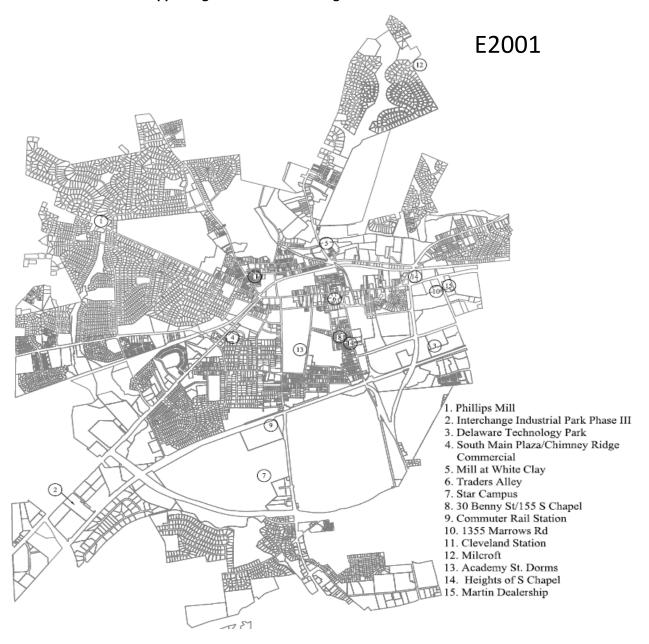
PROJECT COST BY CATEGORY										
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT							
Labor:	5195106.9860	\$	375,300							
Materials:	5195106.9760	\$	319,700							
Other Contracts:		\$	-							
TOTAL PRO	JECT COST	\$	695,000							

<sup>&</sup>lt;sup>2</sup> 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

	,
Installation of electric distribution lines in new developments.	This includes both overhead and underground primary and secondary service

year and/or "out years."										
			PROJECT FINA	ANCING BY PLA	N YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	125,000	-	125,000	\$ -	130,000	135,000	140,000	145,000	145,000	\$ 695,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	1	1	_	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	1	1	_	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 125,000	\$ -	\$ 125,000	\$ -	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000	\$ 145,000	\$ 695,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	AVINGS)	-	-	-	-	-	\$ -

**E2001:** New Lines and Services Supporting Documentation - Page 1



NEWARK

PROJECT NO: E2002

PROJECT TITLE: New Substation

PROJECT STATUS: New Project

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								
	ailing service, prevent failure, or generate savings								
COMPREHENSIVE DEVE	LOPMENT PLANNING VISION ELEMENT:								
	Sustainable Community								

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2019
Est. Completion Date:	2024
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 18,000,000
Est. Spend @ 12/31/2019 (if underway):	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 18,000,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

	IN YEAR									
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	300,000	-	-	-	1	\$ 300,000
CAPITAL RESERVES	2,000,000	-	-	\$ 2,000,000	-	-	-	2,000,000	-	\$ 2,000,000
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	1	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	15,700,000	\$ 15,700,000
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	1	\$ -
OTHER Future Capital Projects Reserve	-	1	-	\$ -	-	1	-	-	1	\$ -
TOTAL:	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000	\$ 300,000	\$ -	\$ -	\$ 2,000,000	\$ 15,700,000	\$ 18,000,000
§ 806.1(4) ESTIMATED ANNUAL COST C	)F	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

**E2002: New Substation** Supporting Documentation - Page 1





PROJECT NO: E1911

PROJECT TITLE: 35kV Line 3402 Capacity Upgrade **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance:

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

PROJECT STATUS: New Project

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	a WANT, but no significant risk in the deferral of this item						
COMPREHENSIVE DEVE	ELOPMENT PLANNING VISION ELEMENT:						

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2019
Est. Completion Date:		2022
Est. Useful Life (in years):		30
Est. Total Cost:	\$	500,000
Est. Spend @ 12/31/2019 (if underway):	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	500,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

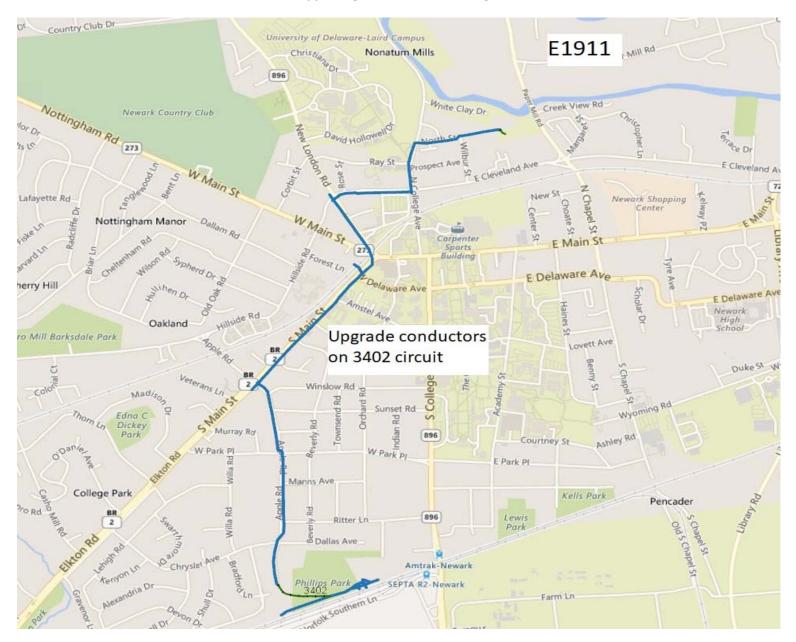
<sup>&</sup>lt;sup>2</sup> Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

	ANCING BY PLA	IN YEAR								
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	ı	-	\$ -	1	250,000	250,000	1	-	\$ 500,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	ı	-	\$ -	1	-	1	1	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 500,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	T:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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





**PROJECT NO:** E1912

PROJECT TITLE: 35kV Disconnect Switches

**Replacement - Kershaw Substation** 

PROJECT STATUS: New Project

**FUNDING SUMMARY:** 

New Funding: \*Prior Authorized Balance

150,000 150,000

2022

150,000 450,000

**Total 5 Year** 

2024

450,000 2020-2024 Funding: \$ 150,000 150,000 \$ 150,000 \$

2023

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	Electric						
DIVISION:	Electric						
FUND:	Electric						
PROJECT LOCATION:	Kershaw Substation						
PROJECT PRIORITY:	3 - Medium-High						
	g a calculated risk in the deferral of this item						
COMPREHENSIVE DEVE	LOPMENT PLANNING VISION ELEMENT:						
Sustainable Community							

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2019
Est. Completion Date:		2023
Est. Useful Life (in years):		20
Est. Total Cost:	\$	450,000
Est. Spend @ 12/31/2019 (if underway):	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	450,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> Council is not required to authorize budget year funding for this portion, but

	Charter 9 000.1(2) DESCRIPTION & JOSTIFICATION
•	This project will replace 40 year old 35kV disconnect switches at Kershaw Substaion.

2020

this portion of the project will indeed represent a cash outflow in year and/or "out years."	the budget									
PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	1	150,000	150,000	150,000	-	\$ 450,000
CAPITAL RESERVES	-	-	-	\$ -	1	-	1	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	_	\$ -	1	-	ı	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	1	-	1	-	-	\$ -
BOND ISSUES	-	1	-	\$ -	ı	-	ī	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	-	1	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	1	-	1	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ 450,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT				2020	2021	2022	2023	2024	TOTAL	
OPERATING / MAINTAINING PROJECT OR A	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -	

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NEWARK

PROJECT NO: E1805

PROJECT TITLE: Line Extension - UD Farm

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020	2021	2022	2023	202	4	To	tal 5 Year
New Funding:	\$ 150,000	\$ 1	\$ -	\$ -	\$	-	\$	150,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$	-	\$	-
2020-2024 Funding:	\$ 150,000	\$	\$ -	\$ -	\$	-	\$	150,000

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	Electric						
DIVISION:	Electric						
FUND:	Electric						
PROJECT LOCATION:	University of Delaware: Farm						
PROJECT PRIORITY:	4 - Medium						
This project is a NEED and not	a WANT, but no significant risk in the deferral of this item						

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA							
First Year in Program:	2018						
Est. Completion Date:	2020						
Est. Useful Life (in years):	30						
Est. Total Cost:	\$ 320,000						
Est. Spend @ 12/31/2019 (if underway):	\$ 170,000						
% Complete (if underway):	53.1%						
Balance to be funded¹:	\$ 150,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY									
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT						
Labor:	5195106.9860	\$	70,500						
Materials:	5195106.9760	\$	79,500						
Other Contracts:		\$	1						
TOTAL PRO	\$	150,000							

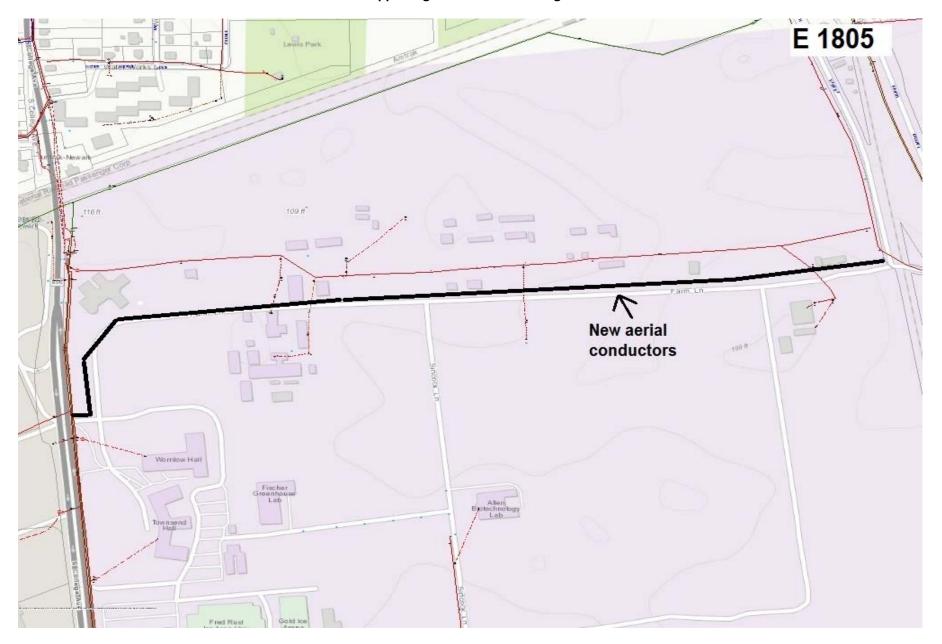
<sup>&</sup>lt;sup>2</sup> Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

## Charter § 806.1(2) DESCRIPTION & JUSTIFICATION: To ensure capacity and reliable back-up capacity to the Star Campus, the University of Delaware South Campus and City customers on South

College Avenue, it is proposed to install a new 12,470 volt circuit from Old South Chapel Street to South College Avenue through the University of Delaware Farm. This project is based on approval from the University of Delaware.

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

	 	 	,		,.						
<b>FUNDING SUMMARY:</b>	2020	2021		2022		2023	2	2024	Total 5 Year		
New Funding:	\$ -	\$ 50,000	\$	-	\$	-	\$	-	\$	50,000	
*Prior Authorized Balance:	\$ -	\$ -	\$	-	\$	-	\$	1	\$	-	
2020-2024 Funding:	\$ -	\$ 50,000	\$	-	\$	-	\$	-	\$	50,000	

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Electric					
DIVISION:	Electric					
FUND:	Electric					
PROJECT LOCATION:	Christianstead					
PROJECT PRIORITY:	4 - Medium					
This project is a NEED and not	a WANT but no significant risk in the deferral of this item					

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		2018						
Est. Completion Date:		2021						
Est. Useful Life (in years):		30						
Est. Total Cost:	\$	50,000						
Est. Spend @ 12/31/2019 (if underway):	\$	-						
% Complete (if underway):		0.0%						
Balance to be funded¹:	\$	50,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

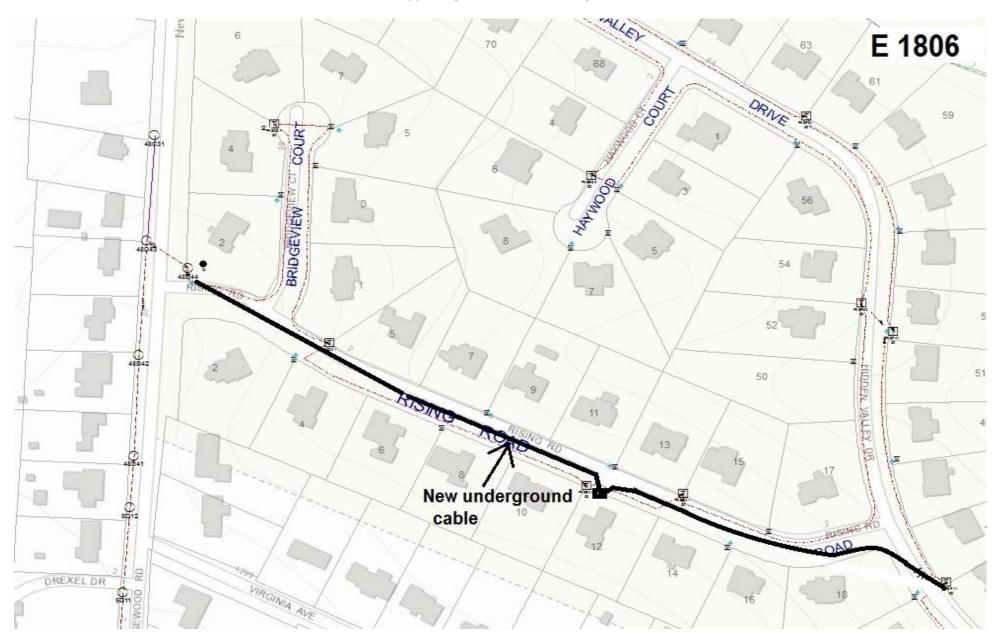
<sup>&</sup>lt;sup>2</sup> Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

#### 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 <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	1	\$ -	-	50,000	-	-	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	1	-	-	1	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	1	-	-	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	1	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	1	1	-	-	1	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST	OF	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR	ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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





DEPARTMENT:

DIVISION:

PROJECT NO: E1807

**CAPITAL BUDGET - PROJECT DETAIL** 

Electric

Electric

PROJECT TITLE: Relay Replacements - Kershaw

Substation

PROJECT STATUS: In Progress (with end date)

						, ,	•						
<b>FUNDING SUMMARY:</b>		2020		2021		2022		2023		2024		Total 5 Year	
New Funding:	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	1	\$	200,000	
*Prior Authorized Balance:	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
2020-2024 Funding:	Ś	50,000	Ś	50,000	Ś	50,000	Ś	50,000	Ś	_	Ś	200,000	

	Charter	§ 806.1(2) <b>DES</b>	CRIPTION & J	USTIFICATION
--	---------	-----------------------	--------------	--------------

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.

FUND:	Electric						
PROJECT LOCATION:	Kershaw Substation						
PROJECT PRIORITY:	5 - Low						
	a WANT, but it can start in year two of						
COMPREHENSIVE DEVI	ELOPMENT PLANNING VISION	I ELEMENT:					
	Sustainable Community						
§ 806.1(3) SUMMARY OF PROJECT DATA							
First Year in Program:		2018					

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2018				
Est. Completion Date:		2023				
Est. Useful Life (in years):		20				
Est. Total Cost:	\$	200,000				
Est. Spend @ 12/31/2019 (if underway):	\$	-				
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	200,000				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

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



PROJECT NO: E1808

PROJECT TITLE: Voltage Upgrade - North College

**Avenue** 

PROJECT STATUS: In Progress (with end date)

						7 0	- /					
<b>FUNDING SUMMARY:</b>		2020		2021		2022		2023		2024	Tot	al 5 Year
New Funding:	\$	50,000	\$	-	\$	-	\$	-	\$	-	\$	50,000
*Prior Authorized Balance:	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2020-2024 Funding:	Ś	50,000	Ś	-	Ś	-	Ś	-	Ś	_	Ś	50.000

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Electric				
DIVISION:	Electric				
FUND:	Electric				
PROJECT LOCATION:	North College Avenue				
PROJECT PRIORITY:	5 - Low				
This project is a NEED and not a WANT, but it can start in year two of this CIP or later					
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:					

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2018				
Est. Completion Date:		2020				
Est. Useful Life (in years):		30				
Est. Total Cost:	\$	50,000				
Est. Spend @ 12/31/2019 (if underway):	\$	-				
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	50,000				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Replace poles on North College Avenue and install a primary metering pole in preparation for a 4160 volt to 12470 volt upgrade of University buildings on North College Avenue.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	1	\$ -	50,000	1	-	-	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	1	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

PROJECT NO: E1810

**PROJECT TITLE: Lightning Arrestor Replacement**  **FUNDING SUMMARY: New Funding:** \*Prior Authorized Balance

2020 2021 2022 2023 2024 Total 5 Year 235,000 235,000 235,000 2020-2024 Funding: \$ 235,000 \$

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Electric				
DIVISION:	Electric				
FUND:	Electric				
PROJECT LOCATION:	Various locations in the City				
PROJECT PRIORITY:	5 - Low				
This project is a NEED and not a WANT, but it can start in year two of this CIP or later					
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:					
Sustainable Community					

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2018					
Est. Completion Date:	2023					
Est. Useful Life (in years):	30					
Est. Total Cost:	\$ 235,000					
Est. Spend @ 12/31/2019 (if underway)¹:	\$ -					
% Complete (if underway):	0.0%					
Balance to be funded¹:	\$ 235,000					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

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 <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	235,000	-	\$ 235,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	1	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	1	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235,000	\$ -	\$ 235,000
§ 806.1(4) ESTIMATED ANNUAL C	COST OF	OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT	T OR ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	_	\$ -



DEPARTMENT:

PROJECT LOCATION:

PROJECT PRIORITY:

DIVISION:

FUND:

PROJECT NO: E1602

**CAPITAL BUDGET - PROJECT DETAIL** 

Electric

Electric

Electric

**PROJECT TITLE: Circuit Breaker Replacement** 

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020	2021	2022	2023	2024	То	tal 5 Year
New Funding:	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$	70,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
2020-2024 Funding:	\$ 70,000	\$	\$	\$	\$	\$	70,000

	The 35kV oil circuit breaker installe
	properly. Due to this problem and

3 - Medium-High The City would be taking a calculated risk in the deferral of this item COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

Fremont Road Substation

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		2016						
Est. Completion Date:		2020						
Est. Useful Life (in years):		30						
Est. Total Cost:	\$	70,000						
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$	1						
% Complete (if underway):		0.0%						
Balance to be funded¹:	\$	70,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

		CI	iaite	130	00.1(2	2) DESCRIPTION &	JUSTIFICATION.	
 	 				-			

led in 1975 feeding transformer 47 at the Fremont Road Substation does not always open and close d its age, it is recommended it be replaced with a vacuum type breaker.

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



PROJECT NO: E1502

PROJECT TITLE: Underground Distribution - UD Star

Campus

PROJECT STATUS: In Progress (with end date)

					,	- /						
<b>FUNDING SUMMARY:</b>	2020		2021		2022		2023		2024		Total 5 Year	
New Funding:	\$	120,000	\$ 120,000	\$	120,000	\$	120,000	\$	-	\$	480,000	
*Prior Authorized Balance:	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
2020-2024 Funding:	\$	120,000	\$ 120,000	\$	120,000	\$	120,000	\$	_	\$	480,000	

CAPITAL BUDGET - PROJECT DETAIL								
DEPARTMENT: Electric								
DIVISION:	Electric							
FUND:	Electric							
PROJECT LOCATION:	University of Delaware: Star Campus							
PROJECT PRIORITY:	1 - Highest Priority Level							
Project und	erway and must be completed							
COMPREHENSIVE DEVE	ELOPMENT PLANNING VISION ELEMENT:							
	Sustainable Community							

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		2015						
Est. Completion Date:		2023						
Est. Useful Life (in years):		30						
Est. Total Cost:	\$	600,000						
Est. Spend @ 12/31/2019 (if underway):	\$	120,000						
% Complete (if underway):		20.0%						
Balance to be funded¹:	\$	480,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY									
CLASSIFICATION		AMOUNT							
Labor:		\$	-						
Materials:		\$	-						
Other Contracts:	5195106.9760	\$	480,000						
TOTAL PRO	TOTAL PROJECT COST								

<sup>&</sup>lt;sup>2</sup> 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) <b>DESCRIPTION &amp; JUSTIFICATION</b> :

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

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	1	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	1	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	1	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	-	-	\$ -
OTHER Developer or Customer	120,000	-	120,000	\$ -	120,000	120,000	120,000	120,000	-	\$ 480,000
TOTAL:	\$ 120,000	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ -	\$ 480,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: E1203

PROJECT TITLE: CAD Software

PROJECT STATUS: In Progress (with end date)

FUNDING SUMMARY:	2020	2021	2022	J	 2023	2024	To	tal 5 Year
New Funding:	\$ -	\$	\$	-	\$ 1	\$	\$	
*Prior Authorized Balance:	\$ 40,444	\$ -	\$	-	\$ -	\$ -	\$	40,444
2020-2024 Funding:	\$ 40,444	\$ -	\$	-	\$ -	\$ -	\$	40,444

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

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2012
Est. Completion Date:		2020
Est. Useful Life (in years):		15
Est. Total Cost:	\$	40,444
Est. Spend @ 12/31/2019 (if underway)¹:	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	40,444

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

is software is needed to model the cit	y's electric distribution system.	This software has engineering	g modules to assist in fault calculations,

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	_	\$ -	-	-	-	-	1	\$ -
CAPITAL RESERVES	40,444	-	-	\$ 40,444	40,444	-	-	-	1	\$ 40,444
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	1	-	-	1	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	1	1	-	-	1	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	1	-	-	1	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 40,444	\$ -	\$ -	\$ 40,444	\$ 40,444	\$ -	\$ -	\$ -	\$ -	\$ 40,444
§ 806.1(4) ESTIMATED ANNUAL COST	OF	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR	ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

voltage drop calculations, coordination studies and feeder optimization.



**PROJECT NO:** E0503

PROJECT TITLE: SCADA and Automatic Switching

New Funding: \*Prior Authorized Balance

**FUNDING SUMMARY:** 

2020 2021 2022 2023 250,000 450,000 450.000 S 2020-2024 Funding: \$ 250.000 S

2024

**Total 5 Year** 

700,000

700.000

PROJECT STATUS: In Progress (with end date)

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

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2005
Est. Completion Date:	2022
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 1,924,191
Est. Spend @ 12/31/2019 (if underway):	\$ 1,224,191
% Complete (if underway):	63.6%
Balance to be funded¹:	\$ 700,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

The auto transfer system will allow intelligent transfer of substations on the 34.5kV subtransmission system using reclosers to isolate a faulted circuit and switch a substation to a different circuit if all logic conditions are met. Large outages will be reduced to about a minute and a notification of a transfer will be sent to on call personnel to investigate.

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

This project will add 8 - 15kV reclosers to the existing automation software in 2018 to improve reliability to customers at the Delaware Technology Park and customers on Bellevue Road. The reclosers will automatically isolate a faulted circuit and switch the customers to a different circuit if the alternate circuit is available. In 2019, 11 reclosers (roughly \$22,700 each) will be installed to improve reliability to the UD Center Campus and North Campus. In 2022, 10 reclosers (roughly \$45,000 each) will be installed on South College and the Christina Parkway to improve reliability to the UD South Campus and the Star Campus.

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

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



DEPARTMENT:

PROJECT LOCATION:

PROJECT PRIORITY:

DIVISION:

FUND:

PROJECT NO: E8510

**PROJECT TITLE: Transformer Maintenance** 

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020	2021	2022	 2023	2024	To	otal 5 Year
New Funding:	\$ -	\$ -	\$	\$ -	\$ -	\$	-
*Prior Authorized Balance:	\$ 24,162	\$ -	\$ -	\$ -	\$ -	\$	24,162
2020-2024 Funding:	\$ 24,162	\$ -	\$ -	\$	\$	\$	24,162

CAPITAI	BUDGET - PROJECT DETAIL
Γ:	Electric
	Electric
	Electric
ATION:	Various
ORITY:	4 - Medium

This project is a NEED and not a WANT, but no significant risk in the deferral of this item COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	1985
Est. Completion Date:	2020
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 24,162
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 24,162

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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 9 800.1(2) DESCRIPTION & JUSTIFICATION.
Ongoing testing and disposal of PCB contaminated pole mounted transformers to comply with EPA regulations.

	PROJECT FINANCING BY PLAN YEAR											
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -		
CAPITAL RESERVES	24,162	-	-	\$ 24,162	24,162	-	-	-	-	\$ 24,162		
EQUIPMENT REPLACEMENT		-	-	\$ -	-	1	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -		
STATE REVOLVING LOAN	-	-	=	\$ -	-	-	-	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 24,162	\$ -	\$ -	\$ 24,162	\$ 24,162	\$ -	\$ -	\$ -	\$ -	\$ 24,162		
§ 806.1(4) ESTIMATED ANNUAL	§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:							2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)						-	-	-	-	\$ -		



PROJECT NO: EEQSF

PROJECT TITLE: Equipment Replacement Program

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance

2020-2024 Funding: \$

2020 2021 2022 2023 2024 **Total 5 Year** 297.000 220.000 338,000 100.000 1,205,000 250,000 297,000 \$ 220,000 250,000 338,000 100,000 \$ 1,205,000

PROJECT STATUS: Reoccurring (with no end date)

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 DEV	FLOPMENT PLANNING VISION FLEMENT							

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DAT	A
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		Various
Est. Total Cost:	\$	1,675,784
Est. Spend @ 12/31/2019 (if underway):	\$	470,784
% Complete (if underway):		28.1%
Balance to be funded¹:	\$	1,205,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

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

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

				MILEAGE	RECOM'D	NORMAL	NORMAL	BUDGET	EQUIPMENT					
VEHICLE		PURCHASE		AS OF	MILEAGE	YEARS	REPL	REPL	SINKING			-	COSTS	
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	2020	2021	2022	2023	2024
	STAFF VEHICLES													
103	2018 Dodge Ram 2500, 4x4 Crew Cab	09/07/18	31,676	9,547	70,000	5	2018	2024	31,676					50,000
116	2008 Ford Focus Sedan	06/06/08	11,281	64,640	60,000	9	2017	2020	11,281	30,000				
120	2012 Toyota Camry Hybrid	03/19/12	24,718	14,806	70,000	10	2022	2023	24,718				38,000	
	LINE TRUCKS													
100	1997 Int'l 4700 Stake Truck	03/14/97	39,285	57,370	110,000				39,285					
101	2017 Int'l 4300 Bucket Truck	01/13/17	174,983	18,011	75,000	8	2025	2025	174,983					
104	2013 International 7400 Digger	09/21/12	228,003	40,690	75,000	8	2020	2020	228,003	267,000				
105	2006 International 7400 Pole Truck	a. 09/01/06	166,920	34,432	65,000	8	2014	2019	166,920	207,000				
115	2008 EZ Hauler 4100 Mini Digger Derrick	09/12/08	120,732			8	2016	2021	120,732		155,000			
122	2017 Int'l 4300 Bucket Truck	01/13/17	197,637	14,304	65,000	8	2025	2025	197,637		133,000			
124	2009 Ford F750 Aerial Lift	a. 09/18/09	149,600	55,205	100,000	8	2018	2019	149,600					
126	2018 Dodge Ram 2500, 4x4 Crew Cab	09/07/18	32,729	10,980	90,000	8	2018	2027	32,729					
130	2013 Ford F750 Aerial Lift	01/14/14	176,500	29,627	75,000	8	2022	2022	176,500			250,000		
147	2015 Ford F750 Bucket Truck	07/31/15	164,100	23,211	75,000	8	2023	2023	164,100			230,000	250.000	
147	2013 Ford F730 Bucket Fruck	07/31/13	104,100	23,211	73,000	Ü	2023	2023	104,100				230,000	
	PICK-UPS & VANS													
129	2011 Ford 3/4 Ton Utility Body	07/02/10	27,412	40,660	90,000	10	2020	2023	27,412				50,000	
132	2008 GMC Sierra 2500 Pickup Truck	10/03/08	20,579	42,861	65,000	10	2018	2021	20,579		35,000			
145	2017 Ford F250 Super Duty Utility Body 4x4	08/11/17	37,552	7,982	65,000	10	2027	2027	37,552					
	OTHER EQUIPMENT													
154	2005 Daewoo 5K Forklift	10/14/05	21,450			10	2015	2021	21,450		30.000			
155	2008 Komatsu FG45T 10K Forklift	11/30/15	24,900			10	2019	2024	24.900					50.000
255	2000 Normalisa i G 131 200 i Gridini	11,00,10	2.,500				2015	202 .	2.,500					30,000
TOTAL ELEC	TRIC UTILITY					GROSS AC	QUISITION C	OST		\$ 297,000	\$ 220,000	\$ 250,000	\$ 338,000	\$ 100,000
							LESS: USE OF CAPITAL RESERVES			-	-	-	-	
a	a. This vehicle is scheduled to be replaced in 2019.					LESS: USE OF CURRENT RESOURCES				(57,716)	(57,239)	(73,500)	(121,770)	(43,424)
						NET EQUIF	PMENT SINK	ING FUND	TOTAL	\$ 239,284	\$ 162,761	\$ 176,500	\$ 216,230	\$ 56,576

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### CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

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

**New Funding:** 

\*Prior Authorized Balance:

					2020-2024 Funding		\$ 2,569,000 alance includes 2019 ca	\$ 4,229,000 arryover funding only.	\$ 1,554,000	\$ 3,000,000	\$ 16,385,396
PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	20 RESERVES AND OTHER FUNDING	20  CURRENT FUNDING	2020	2021	2022	2023	2024	TOTAL
W2001	Newark Reservoir Upgrades	В	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,500,000	\$ 1,600,000
W1901	Main Street Water Main	В	331,155	-	-	-	-	-	-	-	-
W1701	Valve Inspection, Exercising and Rehabilitation	В	165,000	165,000	-	165,000	125,000	125,000	125,000	-	540,000
W1702	Source Water Protection	Α	20,000	-	-	-	-	-	-	-	-
W1703	Laird Tract Well Field Restoration	Α	-	-	-	-	100,000	1,925,000	-	-	2,025,000
W1601	Backup Generation at Water Facilities	Α	70,000	125,000	-	125,000	-	-	-	-	125,000
W1602	Roseville Park Pressure District	В	-	-	-	-	275,000	-	-	-	275,000
W1503	Academy Street Interconnection Pump Station	В	-	-	-	-	90,000	500,000	-	-	590,000
W1402	Air Stripper Replacement - South Well Field	В	3,000,000	2,582,695	-	2,582,695	-	-	-	-	2,582,695
W1302	Abandon Old Wells	В	5,000	-	-	-	-	-	-	-	-
W0503	Well Restoration Program	В	28,000	-	58,000	58,000	29,000	29,000	29,000	-	145,000
W0002	Curtis WTP Alt. Disinfection and Facilities Upgrades	В	25,000	-	-	-	-	-	-	-	-
W9302	Water SCADA System	В	200,000	350,000	-	350,000	-	-	-	-	350,000
W9308	Water Main Replacement Program	В	1,000,000	1,000,000	-	1,000,000	1,000,000	1,000,000	1,250,000	1,500,000	5,750,000
W8605	Water Tank Maintenance	В	361,000	450,000	-	450,000	850,000	600,000	-	-	1,900,000
WEQSF	Equipment Replacement Program	В	124,000	213,546	89,155	302,701	100,000	50,000	50,000		502,701
Total Wa	ter Fund - Water Division		\$ 5,329,155	\$ 4,886,241	\$ 147,155	\$ 5,033,396	\$ 2,569,000	\$ 4,229,000	\$ 1,554,000	\$ 3,000,000	\$ 16,385,396
PLANNED	FINANCING SOURCES										
	GROSS CAPITAL IMPROVEMENTS		\$ 5,329,155	\$ 4,886,241	\$ 147,155	\$ 5,033,396	\$ 2,569,000	\$ 4,229,000	\$ 1,554,000	\$ 3,000,000	\$ 16,385,396
	LESS: USE OF RESERVES		(210,155)	(215,000)	-	(215,000)	-	-	-	-	(215,000)
	VEHICLE & EQUIPMENT REPLACEMENT		(85,376)	(213,546)	-	(213,546)	(59,447)	(37,999)	(19,541)	-	(330,533)
	GRANTS		(70,000)	(75,000)	-	(75,000)	(50,000)	-	(50,000)	-	(175,000)
	BOND ISSUES		-	-	-	-	-	-	-	-	-
	STATE REVOLVING LOANS		(4,550,000)	(4,382,695)	-	(4,382,695)	(1,850,000)	(3,525,000)	-	-	(9,757,695)
	OTHER FINANCING SOURCES		=				-	-	-	=	<u>-</u>
	NET CAPITAL IMPROVEMENTS		\$ 413,624	\$ -	\$ 147,155	\$ 147,155	\$ 609,553	\$ 666,001	\$ 1,484,459	\$ 3,000,000	\$ 5,907,168

FUNDING

2022

4,229,000

2021

2,569,000

2020

1,788,607

3,244,789

SUMMARY

1,554,000

2024

3,000,000

Total 5 Year

\$ 13,140,607 \$ 3,244,789

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



PROJECT NO: W2001

PROJECT TITLE: Newark Reservoir Upgrades

PROJECT STATUS: New Project

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

§ 806.1(3) SUMMARY OF PROJECT DATA										
First Year in Program:		2020								
Est. Completion Date:		2025								
Est. Useful Life (in years):		20								
Est. Total Cost:	\$	1,600,000								
Est. Spend @ 12/31/2019 (if underway):	\$	-								
% Complete (if underway):		0.0%								
Balance to be funded¹:	\$	1,600,000								

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

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

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

Many recreational uses and operational needs have been realized at the reservoir property since it's opening and this has changed the vegetative and facility needs, this project would alllow 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) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	50,000	1,500,000	\$ 1,550,000
CAPITAL RESERVES	-	-	-	\$ -	1	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	ı	-	\$ -	-	1	1	1	-	\$ -
GRANTS SRF	_	-	-	\$ -	-	-	1	50,000	-	\$ 50,000
BOND ISSUES	-	ı	-	\$ -	-	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	1	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,500,000	\$ 1,600,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL	
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: W1701

Valve Inspection, Exercising and PROJECT TITLE:

Rehabilitation

PROJECT STATUS: In Progress (with end date)

						7 0	- /						
<b>FUNDING SUMMARY:</b>	2020			2021		2022		2023		2024		Total 5 Year	
New Funding:	\$	-	\$	125,000	\$	125,000	\$	125,000	\$	-	\$	375,000	
*Prior Authorized Balance:	\$	165,000	\$	-	\$	-	\$	-	\$	-	\$	165,000	
2020-2024 Funding:	\$	165,000	\$	125,000	\$	125,000	\$	125,000	\$	-	\$	540,000	

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

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA									
First Year in Program:		2017							
Est. Completion Date:		2023							
Est. Useful Life (in years):		100							
Est. Total Cost:	\$	540,000							
Est. Spend @ 12/31/2019 (if underway):	\$	-							
% Complete (if underway):		0.0%							
Balance to be funded¹:	\$	540,000							

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

According to AWWA, "Each valve should be operated through a full cycle and returned to its normal position on a schedule that is designed to prevent a buildup of tuberculation [rust formation in pipes as a result of corrosion] or other deposits that could render the valve inoperable or prevent a tight shutoff. The interval of time between operations of valves in critical locations or valves subjected to severe operating conditions should be shorter than for other less important installations, but can be whatever time period is found to be satisfactory based on local experience. The number of turns required to complete the operation cycle should be recorded and compared with permanent installation records to ensure that full gate travel (i.e., it can be opened and closed) is maintained.

This project proposes to develop a valve exercising program utilizing our GIS database and contract documents in 2019 that would be put out to bid in a multi-year contract with an initial goal of exercising all valves in the system within the first 5 years. During this period we would also re-visit previously exercised valves to attempt to determine the appropriate return interval for service in the coming years. Once the first round of this program is complete, this program can be moved into the operating budget.

It is our current expectation that we should exercise valves no less frequently than every 2 to 3 years but we have spread out the initial round over 5 years because it is our expectation that there will be a higher than normal failure rate resulting in higher than normal replacement costs. Each valve that cannot be successfully excercised will be recommended for replacement. If the valve should fail, the replacement will occur as soon as possible to avoid service disruption. We will revisit this estimate annually during the program as we have more data to support optimization.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	-	125,000	125,000	125,000	1	\$ 375,000
CAPITAL RESERVES	165,000	-	-	\$ 165,000	165,000	-	-	-	-	\$ 165,000
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	1	-	\$ -	1	-	-	1	-	\$ -
BOND ISSUES	-	ı	-	\$ -	1	-	1	1	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	-	-	1	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 165,000	\$ -	\$ -	\$ 165,000	\$ 165,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ 540,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

2020



PROJECT NO: W1703

PROJECT TITLE: **Laird Tract Well Field Restoration**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance: 2020-2024 Funding:

:	\$ 1	\$ 100,000	\$ 1,925,000	\$ 1	\$ -	\$ 2,025,000
:	\$ 1	\$ -	\$ -	\$ 1	\$ -	\$
:	\$ •	\$ 100,000	\$ 1,925,000	\$ -	\$ -	\$ 2,025,000

2023

**Total 5 Year** 

2024

2022

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	PWWR						
DIVISION:	Water						
FUND:	Water						
PROJECT LOCATION:	Curtis Water Treatment Plant						
PROJECT PRIORITY:	2 - High Priority Level						
	ailing service, prevent failure, or generate savings						
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:							
	Healthy & Active Community						

§ 806.1(3) SUMMARY OF PROJECT DATA									
First Year in Program:	2017								
Est. Completion Date:	2022								
Est. Useful Life (in years):	20								
Est. Total Cost:	\$ 2,025,000								
Est. Spend @ 12/31/2019 (if underway)¹:	\$ -								
% Complete (if underway):	0.0%								
Balance to be funded¹:	\$ 2,025,000								

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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 vear and/or "out vears."

#### 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 FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	50,000	1	-	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS PPA and Planning Grants	-	-	-	\$ -	-	50,000	ı	1	-	\$ 50,000
BOND ISSUES	-	ı	-	\$ -	-	-	ī	1	1	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	1,925,000	1	-	\$ 1,925,000
OTHER (SPECIFY)	-	-	-	\$ -	-	-	1	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,925,000	\$ -	\$ -	\$ 2,025,000
§ 806.1(4) ESTIMATED ANNUAL COST OF		OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: W1601

PROJECT TITLE: **Backup Generation at Water Facilities**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 125.000 125,000 125.000 S 125.000 2020-2024 Funding: \$

PROJECT STATUS: In Progress (with end date)

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

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2016
Est. Completion Date:		2020
Est. Useful Life (in years):		20
Est. Total Cost:	\$	195,000
Est. Spend @ 12/31/2019 (if underway)¹:	\$	70,000
% Complete (if underway):		35.9%
Balance to be funded¹:	\$	125,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY										
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT							
Labor:		\$	-							
Materials:		\$	1							
Other Contracts:	5295206.9760	\$	125,000							
TOTAL PRO	DJECT COST	\$	125,000							

<sup>&</sup>lt;sup>2</sup> 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 vear and/or "out vears."

#### 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 recieve grant for 2019 and 2020. Potential for in kind services performed by City staff originally was not allowed by grant, but the rules have been relaxed. Well 17 grant included in 2020.

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	_	-	-	\$ -	-	-	1	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	50,000	-	-	-	-	\$ 50,000
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS FEMA Pre-Disaster Mitigation Grant	70,000	-	70,000	\$ -	75,000	1	1	1	-	\$ 75,000
BOND ISSUES	-	ı	-	\$ -	-	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 70,000	\$ -	\$ 70,000	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	2,000	2,000	2,000	2,000	2,000	\$ 10,000

2020



PROJECT NO: W1602

PROJECT TITLE: Roseville Park Pressure District

\*Prior Authorized Balance: 2020-2024 Funding:

	2020			2023		 tui 5 i cui
g:	\$ -	\$ 275,000	\$ -	\$ -	\$ -	\$ 275,000
e:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
g:	\$ -	\$ 275,000	\$ -	\$ -	\$ -	\$ 275,000

2023

2024

Total 5 Year

2022

PROJECT STATUS: In Progress (with end date)

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	g a calculated risk in the deferral of this item									
COMPREHENSIVE DEV	ELOPMENT PLANNING VISION ELEMENT:									
	Sustainable Community									

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2016
Est. Completion Date:	2021
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 275,000
Est. Spend @ 12/31/2019 (if underway):	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 275,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

### Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

The higher elevation areas of Roseville Park and Delaplane Manor subdivisions have very low water pressure and little fire protection water flows, often losing pressure entirely when a hydrant downhill is opened creating potential for backflows and excessive water discoloration. The first year of this project was to investigate alternative solutions with costs to be used to budget for design and construction in 2021 depending on funding availability.

We have identified the best solution which is a booster station that will be located on Laurel Avenue. This solution was more cost effective than the other options while providing a larger improvement to pressures. Due to the piping configuration we believe this installation can be performed using in-house forces. If we determine otherwise once we get further into the design phase the construction cost estimate will have to be revised upward at that time.

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	_	\$ -	-	275,000	1	-	-	\$ 275,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	_	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	_	\$ -	1	-	1	1	-	\$ -
OTHER (SPECIFY)	-	1	_	\$ -	1	-	1	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ -	\$ -	\$ -	\$ 275,000
§ 806.1(4) ESTIMATED ANNUAL COST OF		OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	2,500	2,500	2,500	2,500	\$ 10,000



PROJECT NO: W1503

PROJECT TITLE: Academy Street Interconnection Pump

Station

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020		2021	2022	2023	2024	2024		tal 5 Year
New Funding:	\$	- \$	90,000	\$ 500,000	\$ -	\$	-	\$	590,000
*Prior Authorized Balance:	\$	- \$	-	\$ -	\$ -	\$	-	\$	-
2020-2024 Funding:	\$	- \$	90,000	\$ 500,000	\$	\$	-	\$	590,000

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	PWWR						
DIVISION:	Water						
FUND:	Water						
PROJECT LOCATION:	Academy Street and Waterworks Lane						
PROJECT PRIORITY:	3 - Medium-High						

The City would be taking a calculated risk in the deferral of this item COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DAT	A
First Year in Program:		2015
Est. Completion Date:		2022
Est. Useful Life (in years):		15
Est. Total Cost:	\$	590,000
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	590,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

The City of Newark's drinking water currently comes from one of three sources, the Newark Water Treatment Plant (NWTP), South Well Field (SWF), and interconnections with Suez (formerly United Water) and Artesian Water Companies. If we were to have a long term outage at the NWTP (plant maintenance or failure resulting in NWTP being fully or partially offline for several days), SWF will be unable to keep up with demand, requiring the purchase of water from either Suez or Artesian. NWTP can typically keep up with demand if SWF were to be out of service but may require water purchases if the SWF were to fail during the peak season. In 2014 we had to purchase water from United during the NWTP filter rehab project and experienced a failure of the 2.0 MGD pump, requiring significant repairs.

Our interconnection with Suez, located at the intersection of Academy Street and Waterworks Lane, is the existing interconnection location best suited to serve as the backup supply for the NWTP. The existing station has three pumps which produce 1.0, 1.5 and 2.0 million gallons per day, located in the basement of the old brick building. The pumps and building at this location are in exceedingly poor condition and will require significant repairs and possibly complete replacement if we are to rely on them for backup water service long term. This project scope has been modified in 2017 and beyond due to the relocation of the interconnection because of a relocation of the Suez water interconnection location to the south side of the railroad tracks due to the construction of the new Train Station. The new location features standpipes and valves to which we will connect a portable pump on a temporary basis if the need for water purchases arises. We have an on-call availability agreement with Godwin Pumps to be able to have this interconnection up and running within 24 hours. The planning for the out years contemplates a permanent building and pumps or self contained pump package similar to recent upgrades at the Northwest Booster Station and the Arbour Park Booster Station. 2021 Funding for design and permitting followed by construction in 2022.

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

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

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	1	-	-	\$ -	-	90,000	500,000	-	-	\$ 590,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	_	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	1	1	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	1	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 500,000	\$ -	\$ -	\$ 590,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:		2020	2021	2022	2023	2024	TOTAL			
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	1	-	-	\$ -



PROJECT NO: W1402

PROJECT TITLE: Air Stripper Replacement - South Well

Field

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020		2021	2022	2023	2024	Total 5 Year
New Funding:	\$	- \$	-	\$ -	\$ -	\$ -	\$ -
*Prior Authorized Balance:	\$ 2,582	,695 \$	-	\$ -	\$ -	\$ -	\$ 2,582,695
2020-2024 Funding:	\$ 2,582	,695 \$	-	\$ -	\$ -	\$ -	\$ 2,582,695

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	PWWR					
DIVISION:	Water					
FUND:	Water					
PROJECT LOCATION:	South Well Field Treatment Plant					
PROJECT PRIORITY:	2 - High Priority Level					
	failing service, prevent failure, or generate savings					
COMPREHENSIVE DEVI	LOPMENT PLANNING VISION ELEMENT:					

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		2014						
Est. Completion Date:		2020						
Est. Useful Life (in years):		15						
Est. Total Cost:	\$	3,030,000						
Est. Spend @ 12/31/2019 (if underway):	\$	447,305						
% Complete (if underway):		14.8%						
Balance to be funded1:	Ś	2.582.695						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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 contaminents 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 redundency 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 configuation possibilities at the SWFTP that would incorporate the air stripping requirements as well as removal or rehabilitation of the lead-coated storage tanks at the site.

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

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

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

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

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	707	707	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	_	1	-	\$ -	-	-	ı	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	1	-	-	\$ -
STATE REVOLVING LOAN	3,000,000	417,305	-	\$ 2,582,695	2,582,695	-	-	-	-	\$ 2,582,695
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 3,000,707	\$ 418,012	\$ -	\$ 2,582,695	\$ 2,582,695	\$ -	\$ -	\$ -	\$ -	\$ 2,582,695
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** W0503

**PROJECT TITLE: Well Restoration Program**  **FUNDING SUMMARY:** New Funding:

\*Prior Authorized Balance

2020-2024 Funding: \$

2021 2022 2023 2024 **Total 5 Year** 2020 58,000 29,000 29,000 29,000 145,000 29,000 58,000 \$ 29,000 29,000 \$ 145.000

PROJECT STATUS: Reoccurring (with no end date)

**CAPITAL BUDGET - PROJECT DETAIL** 

DEPARTMENT: **PWWR** DIVISION: Water FUND: Water PROJECT LOCATION: Various

PROJECT PRIORITY: 1 - Highest Priority Level Project underway and must be completed

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2005
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 221,576
Est. Spend @ 12/31/2019 (if underway):	\$ 76,576
% Complete (if underway):	34.6%
Balance to be funded¹:	\$ 145,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Restore / Redevelop Wells 11, 12, 13, 14, 15, 16, 17, 20, 23, 25 as needed in anticipation of routine maintenance and rehabilitation.

Well 15 -Completed in 2016 Well 11 - Completed in 2017

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	I Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	28,000	-	28,000	\$ -	58,000	29,000	29,000	29,000	-	\$ 145,000
CAPITAL RESERVES	48,576	-	48,576	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	1	-	1	\$ -
BOND ISSUES	-	-	-	\$ -	-	ī	1	-	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	1	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 76,576	\$ -	\$ 76,576	\$ -	\$ 58,000	\$ 29,000	\$ 29,000	\$ 29,000	\$ -	\$ 145,000
§ 806.1(4) ESTIMATED ANNUAL COST			RATING IMPACT		2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR	ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	_	_	_	_	_	\$ -



PROJECT NO: W9302

PROJECT TITLE: Water SCADA System

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020	2021	2022	2023	2024	To	tal 5 Year
New Funding:	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$	350,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-
2020-2024 Funding:	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$	350,000

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

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		1993				
Est. Completion Date:		2020				
Est. Useful Life (in years):		15				
Est. Total Cost:	\$	573,431				
Est. Spend @ 12/31/2019 (if underway):	\$	223,431				
% Complete (if underway):		39.0%				
Balance to be funded1.	\$	350 000				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**: REFERENDUM PROJECT

Development of a SCADA System for the PWWR Department will allow us to more efficiently and effectively manage and monitor the utilities. We currently have four water plant operator positions that work three shifts per day, every day of the year. With a SCADA System, we will significantly reduce the need to drive to each facility at least once per shift. This will also free up time for the operators to perform routine preventative maintenance tasks that are currently either contracted out or not completed at all. Management staff will also be able to monitor system data and performance to assist the planning of capital spending and recommend operational efficiencies.

After a thorough search, the City in 2016 selected a new integrator experienced in the water and wastewater industry to provide a turn-key product. Our integrator, ACS, is currently working on the implementation of all of the water facilities, including assisting in the rehabilitation of the Curtis Water Treatment Plant.

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

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

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

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



PROJECT NO: W9308

PROJECT TITLE: Water Main Replacement Program

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance:

2020-2024 Funding:

2020 2022 2023 2024 **Total 5 Year** 2021 5,252,906 502,906 1,000,000 1,250,000 1,500,000 1,000,000 497,094 497,094 \$ 1.250.000 \$ 1.000.000 \$ 1.000.000 \$ 1.000.000 \$ 1.500.000 \$ 5.750.000

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		1993				
Est. Completion Date:		Perpetual				
Est. Useful Life (in years):		75+				
Est. Total Cost:	\$	6,253,506				
Est. Spend @ 12/31/2019 (if underway):	\$	503,506				
% Complete (if underway):		8.1%				
Balance to be funded¹:	\$	5,750,000				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

### Charter § 806.1(2) DESCRIPTION & JUSTIFICATION

#### REFERENDUM PROJECT

Ductile and cast iron water mains have an expected lifespan of between 75 and 100 years and make up over 95% of our distribution network. There are a large number of mains in Newark's system that are either approaching the end of their expected lifespan or have experienced a higher than normal rate of failure (main breaks). In order to properly replace mains with a 100 year lifespan, we should be replacing 1% per year, assuming an even distribution of pipe age. Current year pricing for replacement of 6" water main was \$240 per foot which means that in order to sustainably manage our distribution network, we should be spending a minimum of \$1,500,000 per year.

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

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

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

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

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

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

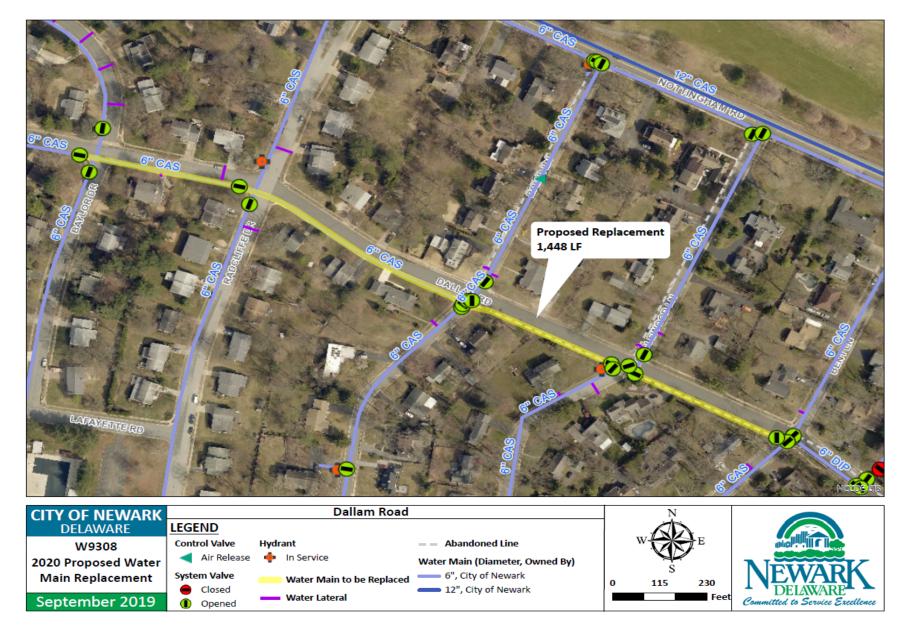
## W9308: Water Main Replacement Program Supporting Documentation - Page 1

East Park Place



## W9308: Water Main Replacement Program Supporting Documentation - Page 2

Dallam Road





Balance to be funded:

**PROJECT NO:** W8605

PROJECT TITLE: Water Tank Maintenance **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2023 2024 **Total 5 Year** 2020 2021 2022 450,000 850,000 600,000 1,900,000 \$ 1.900.000 2020-2024 Funding: \$ 450.000 S 850.000 600.000

PROJECT STATUS: Reoccurring (with no end date)

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 DEVI	ELOPMENT PLANNING VISION ELEMENT:			

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

Sustainable Community

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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

2022 - 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 <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	11,000	1	11,000	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	12,263	718	11,545	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	ı	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	ı	-	\$ -	-	-	1	-	1	\$ -
STATE REVOLVING LOAN	350,000	1	350,000	\$ -	450,000	850,000	600,000	-	-	\$ 1,900,000
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 373,263	\$ 718	\$ 372,545	\$ -	\$ 450,000	\$ 850,000	\$ 600,000	\$ -	\$ -	\$ 1,900,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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**PROJECT NO: WEQSF** 

**Equipment Replacement Program** 

**FUNDING SUMMARY:** 

2020 New Funding: \*Prior Authorized Balance:

2021 2022 302,701 100,000 50,000

50,000 502,701

2024

**PROJECT TITLE:** 

PROJECT STATUS: Reoccurring (with no end date)

2020-2024 Funding: \$

302,701 \$

100,000 \$ 50,000 \$ 50,000 \$

2023

502,701

**Total 5 Year** 

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

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		Perpetual						
Est. Completion Date:		Perpetual						
Est. Useful Life (in years):		Various						
Est. Total Cost:	\$	626,701						
Est. Spend @ 12/31/2019 (if underway):	\$	124,000						
% Complete (if underway):		19.8%						
Balance to be funded¹:	\$	502,701						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

			PROJECT FIN	ANCING BY PLA	AN YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	38,624	-	38,624	\$ -	89,155	40,553	12,001	30,459	-	\$ 172,168
CAPITAL RESERVES	-	-	-	\$ -	1	1	1	1	1	\$ -
EQUIPMENT REPLACEMENT	85,376	22,122	63,254	\$ -	213,546	59,447	37,999	19,541	1	\$ 330,533
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	_	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	1	\$ -	1	1	1	1	1	\$ -
TOTAL:	\$ 124,000	\$ 22,122	\$ 101,878	\$ -	\$ 302,701	\$ 100,000	\$ 50,000	\$ 50,000	\$ -	\$ 502,701
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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

				MILEAGE	RECOM'D	NORMAL	NORMAL	BUDGET	EQUIPMENT					
VEHICLE		PURCHASE	PURCHASE	AS OF	MILEAGE	YEARS	REPL	REPL	SINKING		REPLA	CEMENT	COSTS	
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	2020	2021	2022	2023	2024
	STAFF VEHICLES	05/00/40												
215	2019 Chevrolet Equinox AWD	06/03/19	22,122	712	60,000	10	2029	2029	22,122					
	LINE TRUCKS													
202	2012 Ford F350	a. 10/18/12	74,095	41,441	80,000	8	2020	2019	74,095					
207	2005 Int'l 7400 Dump Truck	08/05/05	95,845	43,258	36,000	8	2013	2020	95,845	185,000				
207	2005 IIIC1 7400 Dump Truck	08/03/03	33,643	43,236	30,000	0	2013	2020	93,843	183,000				
	PICK-UPS & VANS													
204	2016 Ford F350 Dump Truck	09/02/16	34,155	7,242	85,000	10	2026	2026	34,155					
206	2014 Ford F150 Pickup Truck	12/31/14	25,011	123,533	120,000	5	2020	2021	25,011		35,000			
211	2009 Ford F250 Pickup Truck, Supercab	06/05/09	25,267	64,229	80,000	10	2019	2021	25,267		40,000			
218	2017 Ford F250 Pickup Truck 4x4	08/30/17	30,512	8,624	100,000	10	2027	2027	30,512					
224	2012 Ford F250 Pickup Truck	10/25/12	37,999	36,746	80,000	10	2022	2022	37,999			50,000		
241	2015 Ford Transit Connect	12/31/14	21,491	36,726	100,000	10	2025	2025	21,491					
244	2016 Ford F250 Pickup Truck, Reg. Cab 4x4	07/21/16	26,959	17,875	100,000	10	2026	2026	26,959					
299	2013 Ford F150 Pickup Truck, Ext. Cab	06/28/13	19,541	32,955	100,000	10	2023	2023	19,541				50,000	
	OTHER EQUIPMENT													
201	1994 Ingersoll Air Compressor P175 Rand	09/09/94	9,169			15	2009	2021	9,169		25,000			
220	2011 Case 590 SN Loader/Backhoe	10/14/11	117,701			9	2020	2020	117,701	117,701				
TOTAL WAT	TER AND WASTE WATER UTILITY					GROSS AC	QUISITION C	OST		\$ 302,701	\$ 100,000	\$ 50,000	\$ 50,000	\$ -
121712 00711							E OF CAPITA			Ţ 13 <b>2</b> ). 02	-			<del>-</del>
a	a. This vehicle is scheduled to be replaced in 2019.						E OF CURREN			(89,155)	(40,553)	(12,001)	(30,459)	_
Č	a. This vehicle is self-cution to be replaced in 2015.						PMENT SINK			\$ 213,546	\$ 59,447	\$ 37,999	\$ 19,541	\$ -
						EQUI	THE ITT SHAK		IOIAL	7 213,340	7 33,447	7 37,555	7 13,341	<del>-</del>

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### CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

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

**New Funding:** 

\*Prior Authorized Balance:

2020-2024 Funding:

2020

623,486

376,514

1,000,000

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

55,000

NET CAPITAL IMPROVEMENTS

FUNDING

2022

800,000

800,000

2021

800,000

800,000

SUMMARY

1,300,000

1,300,000

1,300,000

2024

1,350,000

1,350,000

1,115,840

Total 5 Year

4,873,486 376,514

5,250,000

2,415,840

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other

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PROJECT NO: S0904

**PROJECT TITLE:** Sanitary Sewer Study and Repairs **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 4,223,486 623,486 800,000 1,000,000 1,000,000 800,000 376,514 376,514 2020-2024 Funding: \$ 1,000,000 \$ \$ 1.000.000 \$ 1.000.000 \$ 4,600,000 800.000 800.000

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2009
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	50+
Est. Total Cost:	\$ 5,980,445
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$ 1,380,445
% Complete (if underway):	23.1%
Balance to be funded¹:	\$ 4,600,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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

model that will allow us to target select lines for capacity increases when performing rehabilitation efforts.

'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 throught the State Revolving Loan Fund. This flow monitoring will allow us to target inspections on those areas where we are experiencing the most rainfall derived inflow and infiltration (RDII) which is a good indicator of structural damage in pipes. (rainfall can get into the pipes through cracks and holes). This will allow for a more targeted, data driven approach to investigations. The flow monitoring will also be used for a capacity

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

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

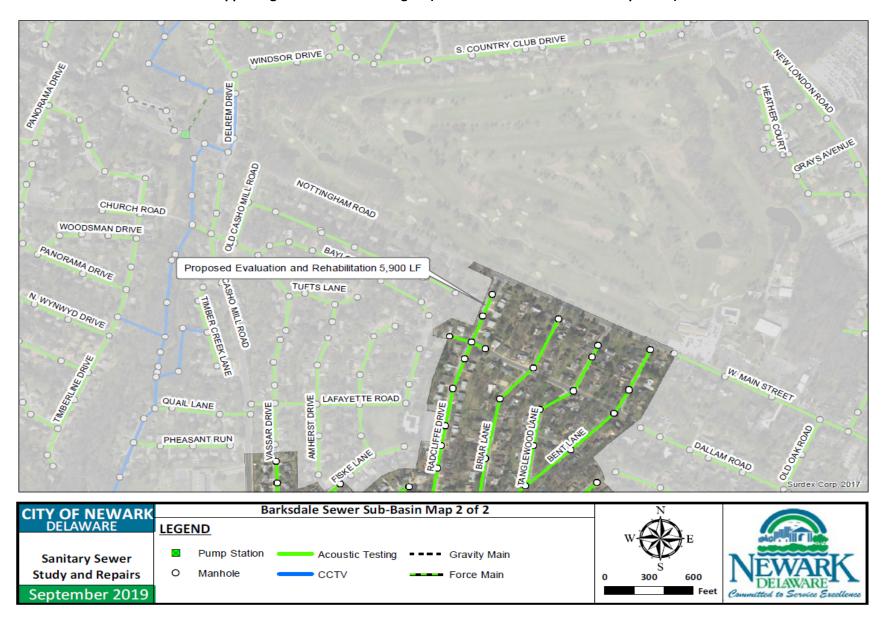
\$55,000 was added in 2019 in order to recognize the capitalized interest payments for debt service for the State Revolving Loan.

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

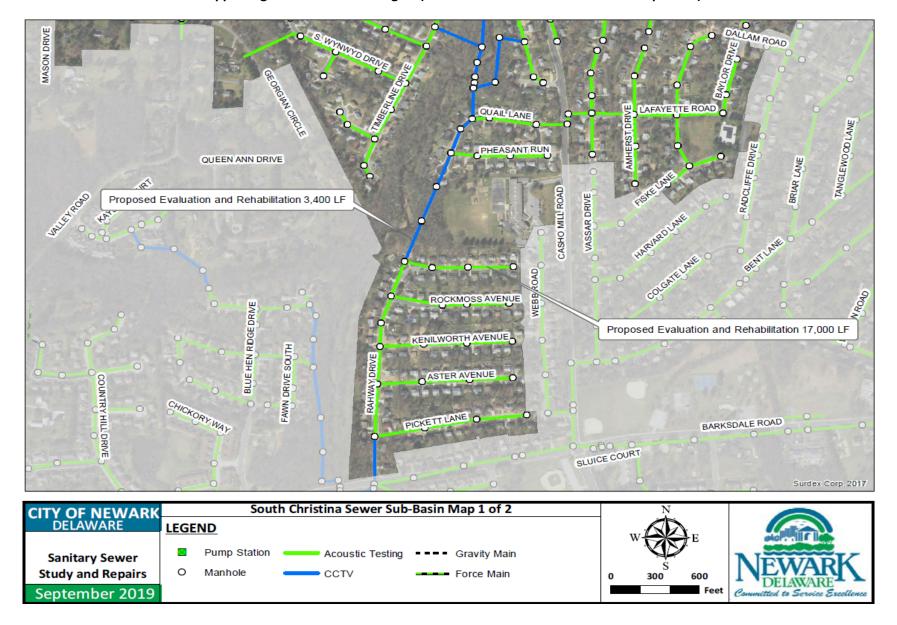
## S0904: Sanitary Sewer Study and Repairs Supporting Documentation - Page 1 (Barksdale Sewer Sub-Basin - Map 1 of 2)



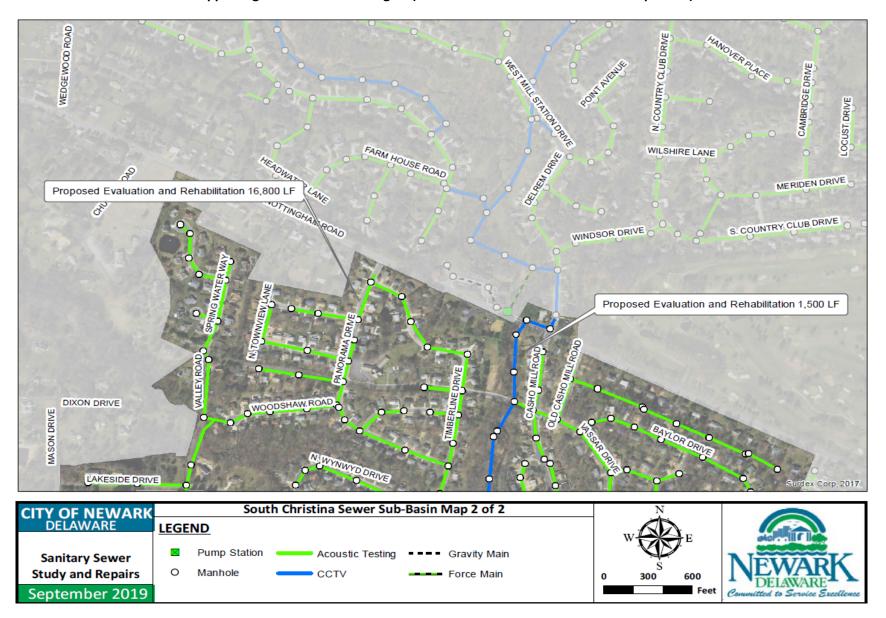
## S0904: Sanitary Sewer Study and Repairs Supporting Documentation - Page 2 (Barksdale Sewer Sub-Basin - Map 2 of 2)



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



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



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



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





**PROJECT NO: SEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2023 2024 **Total 5 Year** 2020 2021 2022 300,000 350,000 650,000 300.000 350,000 650.000 2020-2024 Funding: \$

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		Perpetual						
Est. Completion Date:		Perpetual						
Est. Useful Life (in years):		Various						
Est. Total Cost:	\$	650,000						
Est. Spend @ 12/31/2019 (if underway):	\$	-						
% Complete (if underway):		0.0%						
Balance to be funded¹:	\$	650,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

The sinking fund for Vehicle 304 were utilized, in part, to purchase Vehicle 305. In 2015, an additional sewer crew of two employees and a service vehicle was brought on board. Vehicle 304 is expected to be replaced in 2023.

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	1	\$ -	-	1	1	300,000	115,840	\$ 415,840
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	_	-	-	\$ -	-	1	1	-	234,160	\$ 234,160
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	1	1	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	1	1	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 350,000	\$ 650,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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

VEHICLE		PURCHASE	PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING		REPI	ACEME	NT COST	s
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019		LIFE	YEAR	YEAR	FUND BASIS	2020	2021	202		2024
	STAFF VEHICLES													
304	2006 Int'l 4300 Jetter Truck	11/11/05	146,156	124,257		10	2015	2023	-				300,0	000
305	2017 Western Star 4700SB	10/13/16	234,160	12,755		8	2024	2024	234,160					350,000
TOTAL SEW	ER UTILITY					GROSS AC	QUISITION C	OST		\$ -	\$	- \$	- \$ 300,0	000 \$ 350,000
						LESS: US	OF CAPITAI	RESERVES		-		-	-	
			LESS: USE OF CURRENT RESOURCES					-		-	- (300,0	000) (115,840)		
			NET EQUIPMENT SINKING FUND TOTAL							\$ -	\$	- \$	- \$	- \$ 234,160

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### CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

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

\*Prior Authorized Balance:

**New Funding:** 

2020-2024 Funding:

2020

2,931,053

3,612,353

6,543,406

\*Prior Authorized Balance includes 2019 carryover funding only. 2019 --2020--PROJECT **BUDGET RESERVES AND CURRENT** PROJECT 2020 2021 2022 2023 2024 TOTAL NUMBER NAME **AS AMENDED** OTHER FUNDING **FUNDING** \$ \$ Q1802 Rodney Regional Stormwater Park \$ 4,938,500 5,977,353 5,977,353 \$ \$ 5,977,353 575,000 500,000 525,000 550,000 Q1301 В 491,000 466,053 466,053 2,616,053 Storm Drainage Improvements Q0101 В 70,000 70,000 70,000 350,000 Stormwater Quality Improvements (NPDES Phase II Permit) 40,000 20,000 50,000 70,000 70,000 QEQSF **Equipment Replacement Program** 315,000 30,000 30,000 45,000 250,000 325,000 **Total Stormwater Fund - Stormwater Division** 5,784,500 6,027,353 516,053 6,543,406 645,000 570,000 640,000 870,000 9,268,406 PLANNED FINANCING SOURCES GROSS CAPITAL IMPROVEMENTS 5,784,500 6,027,353 516,053 6,543,406 645,000 \$ 570,000 640,000 870,000 9,268,406 LESS: USE OF RESERVES (40,000)(20,000) (20,000) (20,000)**VEHICLE & EQUIPMENT REPLACEMENT** (161,375)(13,489)(13,489)(26, 245)(75,000)(114,734)GRANTS (50,000)(16,511)(16,511)(50,000)(66,511) BOND ISSUES STATE REVOLVING LOANS (4,775,000) (5,977,353) (5,977,353) (5,977,353) OTHER FINANCING SOURCES **NET CAPITAL IMPROVEMENTS** 758,125 516,053 516,053 595,000 570,000 613,755 795,000 3,089,808

FUNDING

2022

570,000

570,000

2021

645,000

645,000

SUMMARY

640,000

640,000

2024

870,000

870,000

Total 5 Year

3,612,353

9,268,406

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



**PROJECT NO:** Q1802

PROJECT TITLE: **Rodney Regional Stormwater Park** 

\*Prior Authorized Balance

**FUNDING SUMMARY:** 

2,365,000 New Funding: 3,612,353 2020-2024 Funding: \$ 5,977,353 \$

2020

2022

2023

2,365,000 3,612,353 \$ 5.977.353

2024

**Total 5 Year** 

PROJECT STATUS: In Progress (with end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:	2018							
Est. Completion Date:	2020							
Est. Useful Life (in years):	100							
Est. Total Cost:	\$ 8,513,500							
Est. Spend @ 12/31/2019 (if underway):	\$ 2,536,147							
% Complete (if underway):	29.8%							
Balance to be funded¹:	\$ 5,977,353							

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

#### REFERENDUM PROJECT

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

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

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

NEWARK

PROJECT NO: Q1301

PROJECT TITLE: Storm Drainage Improvements

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance:

2020-2024 Funding:

 2020
 2021
 2022
 2023

 466,053
 \$ 575,000
 \$ 500,000
 \$ 525,000
 \$

 \$ \$ \$ \$
 \$

 466,053
 \$ 575,000
 \$ 500,000
 \$ 525,000
 \$

2024

550,000

**Total 5 Year** 

550.000 \$ 2.616.053

2,616,053

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT	DAT	A
First Year in Program:		2013
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		75+
Est. Total Cost:	\$	3,924,546
Est. Spend @ 12/31/2019 (if underway):	\$	1,308,493
% Complete (if underway):		33.3%
Balance to be funded¹:	\$	2,616,053

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

An engineering consultant has completed a detailed CCTV Inspection and Priority Ranking in order to aid the decision making for the future replacement or rehabilitation of all of the known Corrugated Metal Pipe (CMP) in the City. The issues with the premature failure and deterioration of CMP has been well documented over the past several years and will be the focus of this Capital Project over the next 10 years. The memorandum from JMT identifies approximately \$3.5mm in lining and replacement of CMP over the next 10 years. PWWR recommends the CIP reflect approximately \$350,000 per year over the next 10 years to address the problem pipe. JMT has prepared a 14 year plan for the repairs and annual repair locations have been presented as part of any Contract Recommendation brought to Council in annual budget presentations each year. Exhibits are attached for the anticipated work in 2019. Emergent and newly identified problems may arise over the term of this project and will be paid for under this project. Examples of this type of emergent work are the Jenneys Run Culvert Removal in 2016 and the Creek Bend Court Outfall Failure in 2014. In 2018 we replaced the outfall of a culvert crossing on Wyoming Road which had recently failed. The City has ownership of numerous parks throughout the city, some of which are simply maintained as open area and are very underutilized. Several of those parks are around or near critical drainageways and the opportunity exists to design detention basins or water quality facilities at those locations. The Parks and Recreation Department could realize savings by removing the maintenance responsibilities and the Public Works and Water Resources Department could utilize these areas to mitigate flooding and water quality issues throughout the City. The areas were identified for a number of reasons, including, but not limited to, location within a watershed, level of probable benefit, ease of construction, reduction in maintenance burden on Parks staff and aesthetic benefit of plantings. Parks Dept. has been consulted and will work with PWWR to determine availability of property. Grant opportunities also exists to incorporate innovative design and new technologies to study the effect on the watershed.

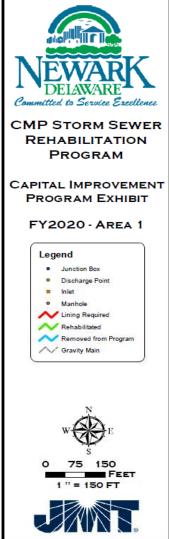
The following parks have been identified for further review and study:

- 1. Park off of Short Lane
- 2. Lewis Park
- 3. Handloff Park (NE Corner)
- 4. Kells Park
- 5. Devon Park

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

Q1301: Storm Drainage Improvements
Supporting Documentation - Page 1

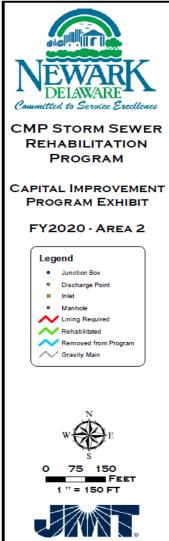




AUGUST 2019

Q1301: Storm Drainage Improvements Supporting Documentation - Page 2





**AUGUST 2019** 

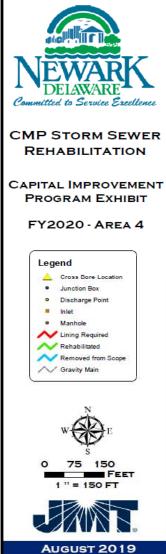
# Q1301: Storm Drainage Improvements Supporting Documentation - Page 3



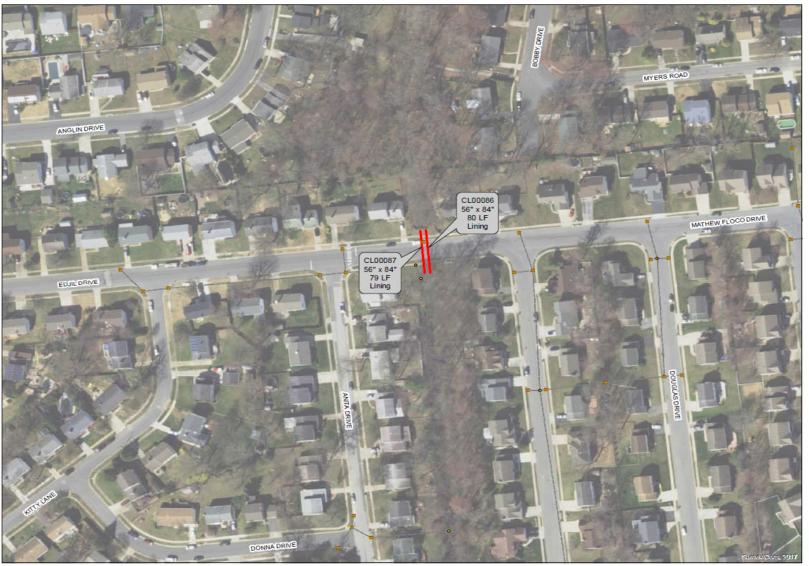


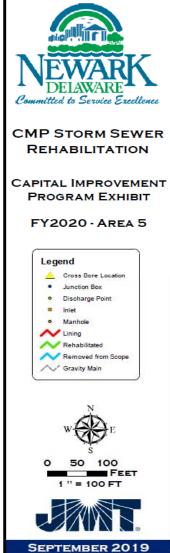
# Q1301: Storm Drainage Improvements Supporting Documentation - Page 4





# Q1301: Storm Drainage Improvements Supporting Documentation - Page 5







PROJECT NO: Q0101

PROJECT TITLE: Stormwater Quality Improvements

(NPDES Phase II Permit)

PROJECT STATUS: Reoccurring (with no end date)

<b>FUNDING SUMMARY:</b>	2020		2020 2021		2022		2023		2024		Total 5 Year	
New Funding:	\$	70,000	\$	70,000	\$	70,000	\$	70,000	\$	70,000	\$	350,000
*Prior Authorized Balance:	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2020-2024 Funding:	\$	70,000	\$	70,000	\$	70,000	\$	70,000	\$	70,000	\$	350,000

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

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2009
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		20
Est. Total Cost:	\$	421,628
Est. Spend @ 12/31/2019 (if underway):	\$	71,628
% Complete (if underway):		17.0%
Balance to be funded¹:	\$	350,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Per the 1999 NPDES Phase II Stormwater Quality Regulations, the City of Newark is required to meet approved standards to improve stormwater quality. According to our original plan submittal, we had planned the following: Install in-line storm sewer quality controls at McKees Park, Rahway Park, Handloff Park, and Yorkshire Woods I.

We received a surface water planning grant in 2014, part of which paid for a report to identify and rank water quality Best Management Practices (BMP) retrofits in stormwater basins around the City, which are better suited to retrofits than the original list above.

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

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

2019 - Stormwater Management Pond Retrofit is underway at Abbottsford

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

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	_	-	-	\$ -	50,000	70,000	70,000	70,000	70,000	\$ 330,000
CAPITAL RESERVES	71,628	-	71,628	\$ -	20,000	-	-	-	-	\$ 20,000
EQUIPMENT REPLACEMENT	_	-	-	\$ -	1	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	1	-	1	-	-	\$ -
BOND ISSUES	_	-	-	\$ -	1	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	-	1	-	-	\$ -
OTHER (SPECIFY)	-	1	1	\$ -	1	-	-	-	-	\$ -
TOTAL:	\$ 71,628	\$ -	\$ 71,628	\$ -	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 350,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	1,000	2,000	3,000	4,000	5,000	\$ 15,000

2022



DIVISION:

FUND:

**PROJECT NO: QEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

30,000 30,000 \$ 2020-2024 Funding: \$

45,000 250,000 325,000 45,000 250,000 325.000

2024

**Total 5 Year** 

2023

PROJECT STATUS: Reoccurring (with no end date)

CAPITAL BUDGET - PROJECT DETAIL DEPARTMENT: **PWWR** Stormwater Stormwater

PROJECT LOCATION: Various PROJECT PRIORITY: 1 - Highest Priority Level

Project underway and must be completed

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		Various
Est. Total Cost:	\$	640,000
Est. Spend @ 12/31/2019 (if underway):	\$	315,000
% Complete (if underway):		49.2%
Balance to be funded¹:	\$	325,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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.

2020

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

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

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

VEHICLE		PURCHA	SE PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING			REP	LAC	EMENT	СО	STS	
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	20	020	2021		2022		2023	2024
	STAFF VEHICLES																
212	2009 Ford Focus	04/03/	9 13,489	57,046	80,000	8	2017	2020	13,489		30,000						 
230	2007 Int'l SC7000 Sweeper- 4200 Int'l	10/18/	.6 75,000	13,084	60,000	8	2024	2024	75,000								 250,000
231	2017 Tennant ATLV 4300 Litter Vacuum	11/14/	7 43,993			8	2025	2025	43,993								 
250	2006 Int'l 4700 Catch Basin Clnr	a. 12/22/	5 161,375	79,732	60,000	8	2013	2019	161,375								 
504	2012 Ford F250 Pickup Truck 4x4	09/21/	2 26,245	59,621	110,000	10	2022	2023	26,245							45,000	 
TOTAL STOP	RMWATER UTILITY					GROSS AC	QUISITION C	OST		\$	30,000	\$	- 9	\$ -	\$	45,000	\$ 250,000
						LESS: USI	E OF CAPITA	L RESERVES	;		-		-	-		-	
ā	. This vehicle is scheduled to be replaced in 2019.					LESS: USI	E OF GRANT	FUNDING		(	16,511)		-	-		-	-
						LESS: USI	E OF CURREN	NT RESOUR	CES		-		-	-		(18,755)	(175,000)
						NET EQUIP	MENT SINK	ING FUND	TOTAL	\$	13,489	\$	- ;	\$ -	\$	26,245	\$ 75,000

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# CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

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

2019

**BUDGET** 

2020 2021 2022 2023 2024 Total 5 Year **New Funding:** 1,747,448 2,988,736 1,918,178 2,582,441 3,475,000 12,711,803 \*Prior Authorized Balance: 2020-2024 Funding: 1,918,178 2,582,441 3,475,000 12,711,803 \*Prior Authorized Balance includes 2019 carryover funding only. ---2020----**RESERVES AND** CURRENT 2020 2021 2022 2023 2024 TOTAL

FUNDING

SUMMARY

	NAIVIE	•	A5.	AIVIENDED	UIH	ER FUNDING	FL	JNDING							
REQSF	Equipment Replacement Program	В	\$	-	\$	-	\$	-	\$	-	\$ 655,000	\$ -	\$ -	\$ 1,200,000	\$ 1,855,000
H2001	Annual Street Program	В		1,600,000		1,146,150		191,692		1,337,842	1,650,000	1,675,000	1,750,000	1,750,000	8,162,842
H2002	ADA Accessibility Transition Plan	С		153,150		156,395		3,211		159,606	159,736	163,178	166,441	175,000	823,961
H1903	Skid Steer Purchase	Α		-		-		-		-	75,000	-	-	-	75,000
H1503	Newark Transportation Plan Implementation	Α		20,000		-		250,000		250,000	20,000	20,000	20,000	-	310,000
HEQSF	Equipment Replacement Program	В		331,000		-		-		-	429,000	60,000	611,000	350,000	1,450,000
TEQSF	Equipment Replacement Program	В		75,000					_		 -	 	 35,000	 -	 35,000
Total Ge	neral Fund - Refuse, Street and Engineering Divisions		\$	2,179,150	\$	1,302,545	\$	444,903	\$	1,747,448	\$ 2,988,736	\$ 1,918,178	\$ 2,582,441	\$ 3,475,000	\$ 12,711,803
DIANNED															
FLAMINED	FINANCING SOURCES														
FLANNED	FINANCING SOURCES  GROSS CAPITAL IMPROVEMENTS		\$	2,179,150	\$	1,302,545	\$	444,903	\$	1,747,448	\$ 2,988,736	\$ 1,918,178	\$ 2,582,441	\$ 3,475,000	\$ 12,711,803
PLANNED			\$	2,179,150 (235,867)	\$	1,302,545 (100,155)	\$	444,903 -	\$	1,747,448 (100,155)	\$ 2,988,736 (227,781)	\$ 1,918,178 (9,241)	\$ 2,582,441 (239,840)	\$ 3,475,000 (188,015)	\$ 12,711,803 (765,032)
FEANNED	GROSS CAPITAL IMPROVEMENTS		\$		\$		\$	444,903 - -	\$		\$	\$	\$	\$	\$
PEANNED	GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES		\$	(235,867)	\$		\$	444,903 - - -	\$		\$ (227,781)	\$ (9,241)	\$ (239,840)	\$ (188,015)	\$ (765,032)
PEANNED	GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES VEHICLE & EQUIPMENT REPLACEMENT		\$	(235,867) (170,133)	\$	(100,155)	\$	444,903 - - - -	\$	(100,155)	\$ (227,781) (719,142)	\$ (9,241) (50,759)	\$ (239,840) (406,160)	\$ (188,015) (1,096,509)	\$ (765,032) (2,272,570)
PEANNED	GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES VEHICLE & EQUIPMENT REPLACEMENT GRANTS		\$	(235,867) (170,133) (516,671)	\$	(100,155) - (595,743)	\$	444,903 - - - - - -	\$	(100,155) - (595,743)	\$ (227,781) (719,142) (525,000)	\$ (9,241) (50,759) (525,000)	\$ (239,840) (406,160) (525,000)	\$ (188,015) (1,096,509)	\$ (765,032) (2,272,570) (2,695,743)

PROJECT PROJECT

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



**PROJECT NO:** REQSF

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

655,000 1,200,000 655,000 \$ 1,200,000 \$ 1,855,000 2020-2024 Funding: \$

2022

2023

2024

**Total 5 Year** 

1,855,000

PROJECT STATUS: Reoccurring (with no end date)

CAPITAL BUDGET - PROJECT DETAIL								
DEPARTMENT:	PWWR							
DIVISION:	Refuse							
FUND:	General							
PROJECT LOCATION:	Various							
PROJECT PRIORITY:	1 - Highest Priority Level							
Project und	lerway and must be completed							
COMPREHENSIVE DEV	ELOPMENT PLANNING VISION ELEMENT:							

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		Perpetual						
Est. Completion Date:		Perpetual						
Est. Useful Life (in years):		Various						
Est. Total Cost:	\$	1,855,000						
Est. Spend @ 12/31/2019 (if underway):	\$	-						
% Complete (if underway):		0.0%						
Balance to be funded¹:	\$	1,855,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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.

2020

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

Vehicle #423 (2009 International 7400 Rear Loader) - Was pushed back from 2019 to 2021. The vehicle can be retained and used in daily operations, however the maintenance costs related may increase as a result.

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	-	137,077	-	-	265,476	\$ 402,553
CAPITAL RESERVES	_	1	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	ı	-	\$ -	1	517,923	1	-	934,524	\$ 1,452,447
GRANTS (SPECIFY)	_	ı	-	\$ -	1	1	-	-	1	\$ -
BOND ISSUES	-	ı	-	\$ -	1	ī	1	-	1	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	1	-	1	-	1	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	1	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 655,000	\$ -	\$ -	\$ 1,200,000	\$ 1,855,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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

VEHICLE			PURCHASE	PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING		REPLA	CEMENT	COSTS	
NUMBER	DESCRIPTION		DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	2020	2021	2022	2023	2024
	DEFLICE COLLECTION														
400	REFUSE COLLECTION		00/12/05	146.650	07.425	CE 000	0	2012		146.650					
409	2006 Int'l 7400 26CY One-Man Packer	b.	09/12/05	146,659	87,425	65,000	8	2013		146,659					
410	2015 Peterbuilt 320 Tractor/Trailer		11/30/14	285,690	52,115	65,000	8	2021	2021	285,690		250,000			
411	2016 Freightliner M2 Class 8		05/26/16	232,105	37,565	65,000	8	2024	2024	232,105					300,000
418	2018 Peterbuilt 348, 6x4 Chassis		02/07/18	193,963	15,956	65,000	8	2018	2026	193,963					
423	2009 Int'l 7400 Rear Loader		06/11/09	151,775	77,827	85,000	8	2017	2021	151,775		225,000			
453	2016 Freightliner M2 Class 8		05/26/16	232,105	32,966	75,000	8	2024	2024	232,105					300,000
454	2016 Freightliner M2 Class 8		01/07/16	235,157	41,840	65,000	8	2024	2024	235,157					300,000
456	2016 Freightliner M2 Class 8		01/07/16	235,157	40,291	65,000	8	2024	2024	235,157					300,000
	SPECIAL COLLECTION														
440	2011 Freightliner Knuckleboom M2-106		06/17/11	116,148	38,266	100,000	10	2021	2021	116,148		180.000			
441	1997 Int'l Knuckleboom	b.	12/31/96	67,190	109,777					67,190					
TOTAL REFU	JSE DIVISION						GROSS AC	QUISITION O	OST		\$ -	\$ 655,000	\$ -	\$ ·	- \$ 1,200,000
<u> </u>	_		•	•			LESS: USI	OF CAPITA	RESERVES		-	-	-		
k	b. This vehicle will not be replaced.						LESS: USE	OF CURREN	IT RESOUR	CES	-	(137,077)	-		(265,476)
	·						NET EQUIP	MENT SINK	ING FUND	TOTAL	\$ -	\$ 517,923	\$ -	\$	- \$ 934,524



**PROJECT NO:** H2001

**PROJECT TITLE: Annual Street Program**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 8,162,842 1.337.842 1,650,000 1.675.000 1,750,000 1.750.000 2020-2024 Funding: \$ 1,337,842 \$ 1,650,000 \$ 1.750.000 \$ 1.750.000 \$ 8.162.842 \$ 1.675.000

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 9,762,842
Est. Spend @ 12/31/2019 (if underway)¹:	\$ 1,600,000
% Complete (if underway):	16.4%
Balance to be funded¹:	\$ 8,162,842

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION** REFERENDUM PROJECT

In 2018 we contracted with a consultant to utilize an optimization software to analyze our road survey data and update previous reports using the same software. This program provided the City the optimal street repair locations and methods to use for the most economical use of our funding. The result of the analysis was confirmation of the need for an increase in funding for road rehabilitation or else the average Pavement Conditions Index (PCI) for the city will continue to decline and the backlog of needed improvements will continue to increase. As we have previously discussed, the optimization analysis shows that we would need to spend approximately \$1.5 - \$2.0 Million each year to maintain our current roadway conditions.

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

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

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	858,329	1	858,329	\$ -	191,692	1,000,000	1,025,000	1,150,000	1,150,000	\$ 4,516,692
CAPITAL RESERVES	_	1	-	\$ -	100,155	-	-	-	-	\$ 100,155
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS MSA (Updated 2018)	491,671	2,306	489,365	\$ -	570,743	500,000	500,000	500,000	500,000	\$ 2,570,743
BOND ISSUES	100,000	ı	100,000	\$ -	325,252	ī	1	1	1	\$ 325,252
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	1	1	\$ -
OTHER CTF	150,000	-	150,000	\$ -	150,000	150,000	150,000	100,000	100,000	\$ 650,000
TOTAL:	\$ 1,600,000	\$ 2,306	\$ 1,597,694	\$ -	\$ 1,337,842	\$ 1,650,000	\$ 1,675,000	\$ 1,750,000	\$ 1,750,000	\$ 8,162,842
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** H2002

PROJECT TITLE: **ADA Accessibility Transition Plan**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 823,961 159,606 159,736 163,178 166,441 175,000 823.961 2020-2024 Funding: 159.606 159.736 163.178 166,441 175.000

PROJECT STATUS: In Progress (with end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2009					
Est. Completion Date:	2026					
Est. Useful Life (in years):	20					
Est. Total Cost:	\$ 952,111					
Est. Spend @ 12/31/2019 (if underway)¹:	\$ 128,150					
% Complete (if underway):	13.5%					
Balance to be funded¹:	\$ 823,961					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

# Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**

#### REFERENDUM PROJECT

The US Department of Justice per the ADA (American with Disabilities Act) requires incorporated communities to establish a transition plan to upgrade their public facilities to meet ADA accessibility standards.

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

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

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

Since we have a plan in place to address non-compliant ramps and are successfully following the plan we are in compliance with the ADA requirements.

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

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	_	-	-	\$ -	3,211	-	-	141,441	150,000	\$ 294,652
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS CDBG	_	-	-	\$ -	25,000	25,000	25,000	25,000	25,000	\$ 125,000
BOND ISSUES	128,150	ı	128,150	\$ -	131,395	134,736	138,178	-	1	\$ 404,309
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	=	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 128,150	\$ -	\$ 128,150	\$ -	\$ 159,606	\$ 159,736	\$ 163,178	\$ 166,441	\$ 175,000	\$ 823,961
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** H1903

**PROJECT TITLE: Skid Steer Purchase** 

New Funding: \*Prior Authorized Balance 2020-2024 Funding: \$

**FUNDING SUMMARY:** 

2020

75,000 75.000

2023

2022

75,000 75.000

**Total 5 Year** 

2024

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	PWWR				
DIVISION:	Street				
FUND:	General				
PROJECT LOCATION:	Field Operations Complex				
PROJECT PRIORITY:	3 - Medium-High				
The City would be taking	g a calculated risk in the deferral of this item				
CUMPBEHENSIVE DEV	ELODMENT DI ANNING VISIONI ELEMENT.				

**Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT DATA							
First Year in Program:		2019					
Est. Completion Date:		2021					
Est. Useful Life (in years):		N/A					
Est. Total Cost:	\$	75,000					
Est. Spend @ 12/31/2019 (if underway):	\$	-					
% Complete (if underway):		0.0%					
Balance to be funded¹:	\$	75,000					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY									
CLASSIFICATION ACCOUNT NUMBER AMO									
Labor:		\$	-						
Materials:	3063006.9622	\$	75,000						
Other Contracts:		\$	-						
TOTAL PRO	TOTAL PROJECT COST								

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

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

Rotary broom - easy cleanup of road surfaces after maintenance operations

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

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	-	75,000	-	-	-	\$ 75,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	1	-	\$ -	-	ī	1	1	-	\$ -
GRANTS (SPECIFY)	_	1	-	\$ -	-	1	1	1	-	\$ -
BOND ISSUES	-	1	-	\$ -	-	ī	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	-	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	750	750	750	\$ 2,250



PROJECT NO: H1503

PROJECT TITLE: Newark Transportation Plan

Implementation

PROJECT STATUS: In Progress (with end date)

					, .	•					
<b>FUNDING SUMMARY:</b>	2020		2021		2022		2023		2024	To	tal 5 Year
New Funding:	\$ 250,000	\$	20,000	\$	20,000	\$	20,000	\$	-	\$	310,000
*Prior Authorized Balance:	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
2020-2024 Funding:	\$ 250.000	Ś	20.000	Ś	20.000	Ś	20.000	Ś		Ś	310.000

Charter 9 800.1(2) DESCRIPTION & JOSTIFICATION.
Newark City Council has approved the "Newark Transportation Plan" and "Newark Bicycle Plan" and this project intends to begin
implementing the recommendations contained within each plan.

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

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

Estimated \$250,000 for additional Safe Routes To School upgrades for Downes School on Casho Mill Road. Council supported the item in 2019 (Item 7B Minutes of April 22, 2019).

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	PWWR				
DIVISION:	Street				
FUND:	General				
PROJECT LOCATION:	Various				
PROJECT PRIORITY:	2 - High Priority Level				
Critical need to remediate	failing service, prevent failure, or generate savings				
COMPREHENSIVE DEV	FLOPMENT PLANNING VISION FLEMENT:				

**Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT DATA							
First Year in Program:	2015						
Est. Completion Date:	2023						
Est. Useful Life (in years):	20						
Est. Total Cost:	\$ 1,175,759						
Est. Spend @ 12/31/2019 (if underway):	\$ 815,759						
% Complete (if underway):	69.4%						
Balance to be funded¹:	\$ 360,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	20,000	-	20,000	\$ -	250,000	20,000	20,000	20,000	-	\$ 310,000
CAPITAL RESERVES	91,759	-	91,759	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER DelDOT	704,000	-	704,000	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 815,759	\$ -	\$ 815,759	\$ -	\$ 250,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ 310,000
§ 806.1(4) ESTIMATED ANNUAL COS	§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:						2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT O	_	_	_	-	_	\$ -				



DEPARTMEN'

DIVISION: FUND:

**PROJECT NO: HEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2023 2024 2020 2021 429,000 611,000 350,000 60,000 429,000 60,000 611,000 350,000 \$ 1,450,000 2020-2024 Funding: \$

2022

**Total 5 Year** 

1,450,000

PROJECT STATUS: Reoccurring (with no end date)

CAP	TAL BUDGET - PF	ROJECT DETAIL
T:	PWWR	
	Street	_
	General	_

PROJECT LOCATION: Various PROJECT PRIORITY: 1 - Highest Priority Level

Project underway and must be completed

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DAT	Ά
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		Various
Est. Total Cost:	\$	1,781,000
Est. Spend @ 12/31/2019 (if underway):	\$	331,000
% Complete (if underway):		18.6%
Balance to be funded¹:	\$	1,450,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

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

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

VEHICLE			PURCHASE	PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING		D E D I A	CEMEN	гсогт	
NUMBER	DESCRIPTION		DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	2020	2021	2022	2023	2024
NOMBER	DESCRIPTION		DAIL	111102	7/31/2013	AT INC.		T EP-LIT	TEAT	TOTED BASIS		2021	2022	2023	2024
	FOREMAN'S TRUCK														
515	2013 Ford F150 Pickup 4x4		06/28/13	19,994	46,518	95,000	10	2023	2023	19,994				45,000	
	CICNIC & DAINTING														
551	SIGNS & PAINTING 2012 Ford F450 Stake Truck		01/20/12	50,759	F7 F21	100 500	8	2020	2022	50,759			60.00		
221	2012 FOIG F450 Stake Truck		01/20/12	50,759	57,531	100,500	٥	2020	2022	50,759			60,00	J	
	DUMP TRUCKS														
522	2015 Ford F650		07/31/15	106,500	12,673	75,000	10	2025	2025	106,500					
523	2012 International 7400 SBA	c.	10/14/11	161,985	23,150	75,000	7	2018	2023	161,985				260,000	
528	2002 Int'l 4900 Dump Truck	a.	08/31/01	88,107	60,477	100,000	10	2011	2019	88,107					
542	2017 Ford F350 Super Duty/Dump Body		11/27/17	53,746	4,618	85,000	10	2027	2027	53,746					
550	2004 Int'l 7400 Dump Truck		11/21/03	95,845	69,410	75,000	10	2013	2021	95,845		196,000			
553	2013 Int'l 7400 Dump Truck/Swap Loader	e.	03/28/13	161,985	20,266	80,000	10	2023	2024	161,985					350,000
554	2004 Int'l 7400 Dump Truck		11/21/03	95,845	70,829	60,000	10	2013	2021	95,845		208,000			
	OTHER EQUIPMENT														
502	1984 Ingersoll Air Compressor		02/13/85	9,529					2021	9,529		25,000			
508	2000 Tarco Windy 400 Vac Leaf Loader	d.	· · · · ·	35,200						-		23,000			
509	2001 Tarco Windy 400 Vac Leaf Loader	d.	07/13/01	35,200						_					
510	2000 Tarco Windy 400 Vac Leaf Loader	a.	02/20/98	34,689			12	2010	2019	34,689					
511	2013 Case 590 SM Loader/Backhoe 4x4		01/07/14	92,375			9	2023	2023	92,375				150.000	
525	2011 ODB Leaf Machine 20CY		10/14/11	55,000			7	2018	2023	55,000				78,000	
527	2013 ODB Leaf Loader 20CY		03/28/13	55,000			10	2023	2023	55,000				78,000	
531	2018 Case 621G Wheel Loader		06/01/18	165,031			10	2018	2028	165,031					
TOTAL STRE	ET DIVISION						GROSS AC	QUISITION C	OST		¢	\$ 429,000	\$ 60,000	0 \$ 611,000	\$ 350,000
TOTAL STRE	LI DIVISION							OF CAPITA			<del>-</del>	(227,781)	(9,24		(188,015)
3	This vehicle is scheduled to be replaced in 2019.							OF CAPITAL		rec	_	(227,781)	(9,24	(220,040)	(108,015)
	<ul> <li>This vehicle is scheduled to be replaced in 2019.</li> <li>This vehicle is the first swaploader purchase. Old !</li> </ul>	523 a 190	97 Int'l 4900					MENT SINK			\$ -	\$ 201,219	\$ 50,75	9 \$ 384,354	\$ 161,985
C	This vernore is the mist swaploader parenase. Old .	J25, a 15.	, iiic i <del>4</del> 500,				EQUII	TTLETT SHAK		VIAL	7	Ç 201,213	φ 30,73.	, , ,,,,,,	7 101,505

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

2022



PROJECT NO: **TEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding:

\*Prior Authorized Balance

2020 2021 2020-2024 Funding: \$

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

35,000 35,000 35,000 \$ 35,000

2024

**Total 5 Year** 

2023

PROJECT STATUS: Reoccurring (with no end date)

Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

§ 806.1(3) SUMMARY OF PROJECT	DATA	4
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		Various
Est. Total Cost:	\$	110,000
Est. Spend @ 12/31/2019 (if underway):	\$	75,000
% Complete (if underway):		68.2%
Balance to be funded¹:	\$	35,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	_	1	_	\$ -	1	-	-	-	-	\$ -
CAPITAL RESERVES	27,663	12,833	14,830	\$ -	1	1	-	13,194	-	\$ 13,194
EQUIPMENT REPLACEMENT	47,337	47,337	-	\$ -	1	1	1	21,806	1	\$ 21,806
GRANTS (SPECIFY)	-	1	-	\$ -	1	-	1	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 75,000	\$ 60,170	\$ 14,830	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:						2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)						-	-	-	-	\$ -

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

VEHICLE		PURCHASE	PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING		D.E.	D I A C	E M E N 1	T ( 0	CTC	
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019		LIFE	YEAR	YEAR	FUND BASIS	2020	202		2022		2023	2024
	STAFF VEHICLES															
714	2015 Ford F350 SD Pickup Truck	11/30/14	30,978	14,843	85,000	10	2025	2025	30,978							
735	2019 Dodge Ram 1500 Classic Tradesman	07/26/19	19,024		80,000	10	2029	2029	19,024							
	INSPECTORS															
700	2019 Chevrolet Equinox AWD	06/07/19	22,122	1,075	65,000	10	2029	2029	22,122							
711	2019 Dodge Ram 1500 Classic Tradesman	07/29/19	19,024	·	80,000	10	2029	2029	19,024							
748	2017 Ford F150 Pickup Truck	08/04/17	20,832	9,007	60,000	10	2027	2027	20,832							
	SURVEY VAN															
746	2013 Ford Van Transit Connect	08/30/13	21,806	14,457	99,000	10	2023	2023	21,806						35,000	
TOTAL ENGI	INEERING DIVISION					GROSS AC	QUISITION C	OST		\$ .	- \$	- :	\$ .	- \$	35,000	\$ .
						LESS: USE	OF CAPITAL	RESERVES				-		-	(13,194)	
						LESS: USE	OF CURREN	IT RESOUR	CES			-		-	-	
						NET EQUIP	MENT SINK	ING FUND 1	OTAL	\$ .	. \$	-	\$	- \$	21,806	\$ .

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# CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

### **GENERAL FUND - POLICE DEPARTMENT**

FUNDING SUMMARY

New Funding: \$
\*Prior Authorized Balance: \$
2020-2024 Funding: \$

				D 1 14 G	3 0	, IVI IVI A IV	•				
2020	2021			2022		2023		2024	Total 5 Year		
605,964	\$	4,979,403	\$	207,734	\$	735,568	\$	681,884	\$	7,210,553	
=	\$	-	\$	-	\$	-	\$	-	\$	-	
605,964	\$	4,979,403	\$	207,734	\$	735,568	\$	681,884	\$	7,210,553	

\*Prior Authorized Balance includes 2019 carryover funding only.

PROJECT NUMBER	PROJECT NAME	*	BU	019 DGET IENDED	RESE	RVES AND R FUNDING	CI	 URRENT UNDING	2020	2021	2022	2023	2024	TOTAL
C2001	Police Firearms Range	D	\$	-	\$	-	\$	250,000	\$ 250,000	\$ 4,453,000	\$ -	\$ -	\$ -	\$ 4,703,000
C2002	Vehicle 943 Addition to Fleet	В		-		-		-	-	49,000	-	-	-	49,000
C2003	Vehicle 901 Addition to Fleet	В		-		-		-	-	24,870	-	-	-	24,870
C2004	Vehicle Radios	В		-		33,570		-	33,570	-	-	-	-	33,570
C2005	Building Camera Project	D		-		23,400		-	23,400	-	-	-	-	23,400
C1902	Mobile Video Recording Refresh	В		190,224		-		50,116	50,116	50,116	50,116	50,116	-	200,464
C1903	NPD Ethernet Rewiring Project	D		32,000		-		-	-	-	-	-	-	-
C1904	Body Worn Camera Project	В		115,658		-		68,268	68,268	68,268	68,268	68,268	-	273,072
C1601	Taser X26P Replacement	В		21,408		21,408		-	21,408	22,478	23,601	24,781	26,020	118,288
C1401	Ballistic Vests	В		14,034		7,202		-	7,202	30,671	13,749	7,403	15,864	74,889
CEQSF	Equipment Replacement Program	В		240,000		120,152		31,848	 152,000	 281,000	 52,000	 585,000	 640,000	 1,710,000
Total Ge	neral Fund - Police Department		\$	613,324	\$	205,732	\$	400,232	\$ 605,964	\$ 4,979,403	\$ 207,734	\$ 735,568	\$ 681,884	\$ 7,210,553
PLANNED	FINANCING SOURCES													
	GROSS CAPITAL IMPROVEMENTS		\$	613,324	\$	205,732	\$	400,232	\$ 605,964	\$ 4,979,403	\$ 207,734	\$ 735,568	\$ 681,884	\$ 7,210,553
	LESS: USE OF RESERVES			(50,923)		(23,400)		-	(23,400)	-	-	-	-	(23,400)
	VEHICLE & EQUIPMENT REPLACEMENT			(224,519)		(182,332)		-	(182,332)	(267,750)	(69,190)	(415,674)	(460,471)	(1,395,417)
	GRANTS			(165,000)		-		-	-	-	-	-	-	-
	BOND ISSUES			-		-		-	-	-	-	-	-	-
	OTHER FINANCING SOURCES					-			 -	 (4,203,000)	 	 -	 	 (4,203,000)
	NET CAPITAL IMPROVEMENTS		\$	172,882	\$		\$	400,232	\$ 400,232	\$ 508,653	\$ 138,544	\$ 319,894	\$ 221,413	\$ 1,588,736

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other

NEWARK

PROJECT NO: C2001

PROJECT TITLE: Police Firearms Range

PROJECT STATUS: New Project

	,20, 5,,,,,65,
CAPITAL	. BUDGET - PROJECT DETAIL
DEPARTMENT:	Police
DIVISION:	Police
UND:	General
PROJECT LOCATION:	Cecil County
PROJECT PRIORITY:	2 - High Priority Level

Critical need to remediate failing service, prevent failure, or generate savings
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:
Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA										
First Year in Program:		2020								
Est. Completion Date:		2021								
Est. Useful Life (in years):		50+								
Est. Total Cost:	\$	4,703,000								
Est. Spend @ 12/31/2019 (if underway):	\$	-								
% Complete (if underway):		0.0%								
Balance to be funded¹:	\$	4,703,000								

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

<b>FUNDING SUMMARY:</b>	2020	2021	2022	·	2023	2024	T	otal 5 Year
New Funding:	\$ 250,000	\$ 4,453,000	\$	\$	-	\$ 1	\$	4,703,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$	-	\$ -	\$	-
2020-2024 Funding:	\$ 250,000	\$ 4,453,000	\$	\$		\$ -	\$	4,703,000

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

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

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

	PROJECT FINANCING BY PLAN YEAR											
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	-	-	-	\$ -	250,000	250,000	-	-	-	\$ 500,000		
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -		
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	1	1	-	\$ -		
BOND ISSUES	-	ı	-	\$ -	-	-	ī	1	1	\$ -		
STATE REVOLVING LOAN	-	1	-	\$ -	1	-	1	1	-	\$ -		
OTHER TBD	-	-	-	\$ -	-	4,203,000	1	-	-	\$ 4,203,000		
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 4,453,000	\$ -	\$ -	\$ -	\$ 4,703,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -		



**PROJECT NO:** C2002

**Vehicle 943 Addition to Fleet PROJECT TITLE:** 

**FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

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

PROJECT STATUS: New Project

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

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:
Sustainable Community
§ 806.1(3) SUMMARY OF PROJECT DATA

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2020
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 49,000
Est. Spend @ 12/31/2019 (if underway):	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 49,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**: The School Resource Officer (SRO) position is not currently assigned a departmental vehicle. Generally, the SRO utilizes an old police vehicle that has been retired from the fleet rather than tie up a vehicle that is needed for patrol. These spare vehicles tend to be unreliable and are not in the best condition. Additionally, these vehicles are not equipped with a police radio or computer (MDT). The SRO position requires travel between the various schools as well as the transport of students for various reasons. This vehicle will be outfitted the same as a patrol vehicle and provides redunancy if needed for patrol use.

PROJECT FINANCING BY PLAN YEAR											
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP	
CURRENT RESOURCES	-	-	-	\$ -	-	49,000	-	-	-	\$ 49,000	
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -	
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -	
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -	
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -	
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	ı	-	-	\$ -	
OTHER (SPECIFY)	-	1	-	\$ -	-	-	1	-	-	\$ -	
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,000	\$ -	\$ -	\$ -	\$ 49,000	
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL	
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -	



PROJECT NO: C2003

PROJECT TITLE: Vehicle 901 Addition to Fleet

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance:

2020-2024 Funding:

	2020	2021			2022	2023	2024	Total 5 Teal		
:	\$ -	\$	24,870	\$	-	\$ -	\$ -	\$	24,870	
:	\$ -	\$	-	\$	-	\$ -	\$ -	\$	-	
:	\$ -	\$	24,870	\$	-	\$	\$	\$	24,870	

2022

Total E Voor

2022

PROJECT STATUS: New Project

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

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2020				
Est. Completion Date:		2021				
Est. Useful Life (in years):		12				
Est. Total Cost:	\$	24,870				
Est. Spend @ 12/31/2019 (if underway):	\$	-				
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	24,870				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

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

Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

response. Adding more motorcycles and operators to the Department's fleet should be seriously considered."

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	24,870	-	-	-	\$ 24,870
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	_	\$ -	-	1	1	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	_	\$ -	-	1	1	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,870	\$ -	\$ -	\$ -	\$ 24,870
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



DEPARTMENT:

PROJECT LOCATION:

PROJECT PRIORITY:

DIVISION:

FUND:

PROJECT NO: C2004 PROJECT TITLE: **Vehicle Radios** 

PROJECT STATUS: New Project

2020 2021 2022 2023 2024 **Total 5 Year FUNDING SUMMARY:** 33,570 33,570 New Funding: \*Prior Authorized Balance 2020-2024 Funding: \$ 33.570 S 33.570

norate cavings	

2 - High Priority Level Critical need to remediate failing service, prevent failure, or generate savings

**CAPITAL BUDGET - PROJECT DETAIL** 

Police

Police

NPD

General

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2020				
Est. Completion Date:		2020				
Est. Useful Life (in years):		10				
Est. Total Cost:	\$	33,570				
Est. Spend @ 12/31/2019 (if underway):	\$	-				
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	33,570				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

#### Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

Price breakdown:

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

Installation - \$150

Total (5 units)- \$19,875

APX 6000 Portable - \$4,445 ea. Single Unit Charger - \$120 Total (3 units) - \$13,695

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	_	\$ -	-	-	1	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	33,570	-	-	-	-	\$ 33,570
GRANTS (SPECIFY)	-	-	_	\$ -	-	-	1	1	-	\$ -
BOND ISSUES	1	ı	-	\$	-	-	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 33,570	\$ -	\$ -	\$ -	\$ -	\$ 33,570
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	AVINGS)	-	-	-	-	-	\$ -

NEWARK

PROJECT NO: C2005

PROJECT TITLE: Building Camera Project

**PROJECT STATUS: New Project** 

FUNDING SUMMARY:	2020	2021	2022		202	23	20	)24	Tot	al 5 Year
New Funding:	\$ 23,400	\$	\$	-	\$	-	\$	-	\$	23,400
*Prior Authorized Balance:	\$ -	\$ -	\$	-	\$	-	\$	-	\$	-
2020-2024 Funding:	\$ 23,400	\$ -	\$	-	\$	-	\$	-	\$	23,400

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Police				
DIVISION:	Police				
FUND:	General				
PROJECT LOCATION:	NPD				
PROJECT PRIORITY:	2 - High Priority Level				
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COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Not Applicable

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2020				
Est. Completion Date:		2020				
Est. Useful Life (in years):		15				
Est. Total Cost:	\$	23,400				
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$	-				
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	23,400				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

	PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUN</b>	DS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES		-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	Court Security Fee	-	·	-	\$ -	23,400	1	-	1	1	\$ 23,400
<b>EQUIPMENT REPLACEMEN</b>	Т	-	·	-	\$ -	1	1	-	1	1	\$ -
GRANTS	(SPECIFY)	-	ı	-	\$ -	-	1	-	1	-	\$ -
BOND ISSUES		-	ı	-	\$ -	1	1	-	1	-	\$ -
STATE REVOLVING LOAN		-	1	-	\$ -	-	-	-	-	-	\$ -
OTHER	(SPECIFY)	-	1	-	\$ -	-	-	-	-	-	\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ -	\$ 23,400	\$ -	\$ -	\$ -	\$ -	\$ 23,400
§ 806.1(4) <b>ESTIN</b>	§ 806.1(4) ESTIMATED ANNUAL COST OF		OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAIN	TAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: C1902

PROJECT TITLE: **Mobile Video Recording Refresh**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 50,116 50,116 200,464 50,116 50,116 200.464 2020-2024 Funding: 50.116 S 50.116 50.116 50.116

PROJECT STATUS: In Progress (with end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA							
First Year in Program:	2019						
Est. Completion Date:	2023						
Est. Useful Life (in years):	7.5						
Est. Total Cost:	\$ 390,688						
Est. Spend @ 12/31/2019 (if underway)¹:	\$ 190,224						
% Complete (if underway):	48.7%						
Balance to be funded¹:	\$ 200,464						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

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

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	115,224	1	115,224	\$ -	50,116	50,116	50,116	50,116	-	\$ 200,464
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS FCVC	75,000	ı	75,000	\$ -	-	-	1	-	-	\$ -
BOND ISSUES	-	1	-	\$ -	-	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	1	1	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 190,224	\$ -	\$ 190,224	\$ -	\$ 50,116	\$ 50,116	\$ 50,116	\$ 50,116	\$ -	\$ 200,464
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:					2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -

NEWARK

PROJECT NO: C1904

PROJECT TITLE: Body Worn Camera Project

PROJECT STATUS: In Progress (with end date)

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

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

§ 806.1(3) SUMMARY OF PROJECT DATA							
First Year in Program:	2019						
Est. Completion Date:	2023						
Est. Useful Life (in years):	7.5						
Est. Total Cost:	\$ 388,730						
Est. Spend @ 12/31/2019 (if underway):	\$ 115,658						
% Complete (if underway):	29.8%						
Balance to be funded¹:	\$ 273,072						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	25,658	1	25,658	\$ -	68,268	68,268	68,268	68,268	-	\$ 273,072
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS Federal	90,000	ı	90,000	\$ -	-	1	1	-	-	\$ -
BOND ISSUES	-	1	-	\$ -	1	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 115,658	\$ -	\$ 115,658	\$ -	\$ 68,268	\$ 68,268	\$ 68,268	\$ 68,268	\$ -	\$ 273,072
§ 806.1(4) ESTIMATED ANNUAL COST OF	§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)				-	-	-	-	-	\$ -



**PROJECT NO:** C1601

**PROJECT TITLE: Taser X26P Replacement**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

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

118,288

118.288

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:	Perpetual							
Est. Completion Date:	Perpetual							
Est. Useful Life (in years):	5							
Est. Total Cost:	\$ 144,079							
Est. Spend @ 12/31/2019 (if underway):	\$ 25,791							
% Complete (if underway):	17.9%							
Balance to be funded¹:	\$ 118,288							

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

The taser is a less lethal weapon utilized by officers to defend themselves or others from aggressive or actively resistant persons while reducing the risk of receiving or inflicting injury. The manufacturer warranties the X26P for 5 years. Our existing inventory of tasers are in need of replacement. A taser and holster costs a total of \$1,456.35/ea (in 2018). Our plan is to replace 14 tasers per year. 2020 to 2024 cost estimates represent a 5% per year price increase as provided by Taser.

Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	2,354	-	\$ (2,354)	-	1	1	-	-	\$ -
CAPITAL RESERVES	20,636	20,636	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	2,801	2,801	-	\$ -	21,408	22,478	23,601	24,781	26,020	\$ 118,288
GRANTS (SPECIFY)	-	1	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	1	1	-	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -
TOTAL:	\$ 23,437	\$ 25,791	\$ -	\$ (2,354)	\$ 21,408	\$ 22,478	\$ 23,601	\$ 24,781	\$ 26,020	\$ 118,288
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:						2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)						-	-	-	-	\$ -



DEPARTMENT:

PROJECT LOCATION:

PROJECT PRIORITY:

DIVISION:

FUND:

PROJECT NO: C1401

PROJECT TITLE: **Ballistic Vests** 

PROJECT STATUS: Reoccurring (with no end date)

<b>FUNDING SUMMARY:</b>	IMMARY: 2020			2021	2022	2023			2024	Total 5 Year		
New Funding:	\$	7,202	\$	30,671	\$	13,749	\$	7,403	\$	15,864	\$	74,889
*Prior Authorized Balance:	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2020-2024 Funding:	\$	7.202	Ġ	30 671	\$	13 749	\$	7 403	\$	15 864	Ġ	74 889

CAPITA	L BUDGET - PROJECT DETAIL
ENT:	Police
	Police
	General
OCATION:	Police Station
PRIORITY:	1 - Highest Priority Level
Project und	derway and must be completed
ENSIVE DEV	ELOPMENT PLANNING VISION ELEMENT:

COMPREHENSIVE DEVELOPMENT PLANNIN Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		5
Est. Total Cost:	\$	90,304
Est. Spend @ 12/31/2019 (if underway):	\$	15,415
% Complete (if underway):		17.1%
Balance to be funded¹:	\$	74,889

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY											
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT								
Labor:		\$	-								
Materials:	3063026.9622	\$	74,889								
Other Contracts:		\$	-								
TOTAL PRO	JECT COST	\$	74,889								

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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



**PROJECT NO:** CEQSF

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding:

2021 2022 2023 2020 152.000 281.000 52,000 585.000 152,000 \$ 281,000 \$

\*Prior Authorized Balance

2020-2024 Funding: \$

52,000 585,000 640,000 \$ 1,710,000

2024

640.000

**Total 5 Year** 

1,710,000

PROJECT STATUS: Reoccurring (with no end date)

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

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	Various
Est. Total Cost:	\$ 1,950,000
Est. Spend @ 12/31/2019 (if underway):	\$ 240,000
% Complete (if underway):	12.3%
Balance to be funded¹:	\$ 1,710,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

# Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

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

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

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

(Continued on next page)

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

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

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## CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

## **GENERAL FUND - PARKS AND RECREATION DEPARTMENT**

New Funding:
\*Prior Authorized Balance:
2020-2024 Funding:

FUNDING SUMMARY 2020 2021 2022 2023 2024 Total 5 Year 1,071,119 343,450 495,000 1,405,835 21,108 1,426,943 5,986,512 2,476,954 1,370,108 1,301,000 343,450 495,000 \*Prior Authorized Balance includes 2019 carryover funding only

PROJECT NUMBER	PROJECT NAME	*	2019 BUDGET AS AMENDED	20 SERVES AND SER FUNDING	c	CURRENT	2020	2021	2022	2023	2024	TOTAL
K2001	Park Signage	D	\$ -	\$ -	\$	-	\$ -	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 72,000
K2002	Olan Thomas Sidewalk Improvement	С	-	-		-	-	-	200,000	-	-	200,000
K2003	Handloff Park Trail	D	-	-		-	-	-	-	-	200,000	200,000
K2004	Facilities Accessibilty (ADA Compliance)	С	-	-		45,000	45,000	45,000	20,000	20,000	20,000	150,000
K2005	Track loader/Mini-Skid Steerer	D	-	-		-	-	36,000	-	-	-	36,000
I1703	Recreation Management Software	D	88,500	88,500		-	88,500	-	-	-	-	88,500
K1704	Lumbrook Park Pavilion	С	-	-		45,000	45,000	-	-	-	-	45,000
K1705	Preston's Playground and Utility Lines	С	60,000	50,000		-	50,000	-	-	-	-	50,000
K1601	Charles Emerson Bicycle/Pedestrian Bridge	В	1,250,000	1,770,000		187,000	1,957,000	-	-	-	-	1,957,000
K1605	Redd Park Trail Improvements	С	-	-		-	-	32,000	30,000	-	-	62,000
K1501	Iron Glen Park Master Plan	С	-	-		-	-	50,000	-	-	-	50,000
K1502	Fitness Stations	С	-	-		-	-	21,108	-	-	-	21,108
K1301	Hard Surface Facilities Improvements	В	145,000	191,300		-	191,300	280,000	230,000	152,000	190,000	1,043,300
K1305	Pomeroy Trail Connector	С	11,000	-		-	-	-	-	-	-	-
K1202	Kershaw Park Improvements	С	-	-		-	-	200,000	-	-	-	200,000
K1203	Old Paper Mill Park Improvements	С	100,000	-		-	-	600,000	600,000	-	-	1,200,000
K0908	Children's Play Equipment	С	60,000	60,154		-	60,154	40,000	40,000	16,450	60,000	216,604
KEQSF	Equipment Replacement Program	D	233,000	 40,000			 40,000	30,000	145,000	 155,000	 25,000	395,000
Total Ger	neral Fund - Parks and Recreation Department		\$ 1,947,500	\$ 2,199,954	\$	277,000	\$ 2,476,954	\$ 1,370,108	\$ 1,301,000	\$ 343,450	\$ 495,000	\$ 5,986,512
PLANNED	FINANCING SOURCES											
	GROSS CAPITAL IMPROVEMENTS		\$ 1,947,500	\$ 2,199,954	\$	277,000	\$ 2,476,954	\$ 1,370,108	\$ 1,301,000	\$ 343,450	\$ 495,000	\$ 5,986,512
	LESS: USE OF RESERVES		(89,517)	(163,704)		-	(163,704)	(16,518)	(33,982)	(46,606)	(53)	(260,863)
	VEHICLE & EQUIPMENT REPLACEMENT		(173,483)	(24,950)		-	(24,950)	(13,482)	(111,018)	(108,394)	(24,947)	(282,791)
	GRANTS		(910,000)	(1,510,000)		-	(1,510,000)	(81,600)	(60,000)	-	-	(1,651,600)
	BOND ISSUES		(145,000)	(191,300)		-	(191,300)	(280,000)	(230,000)	(107,181)	-	(808,481)
	OTHER FINANCING SOURCES		(300,000)	 (310,000)			(310,000)	 -	 -	-	 -	(310,000)
	NET CAPITAL IMPROVEMENTS		\$ 329,500	\$ 	\$	277,000	\$ 277,000	\$ 978,508	\$ 866,000	\$ 81,269	\$ 470,000	\$ 2,672,777

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

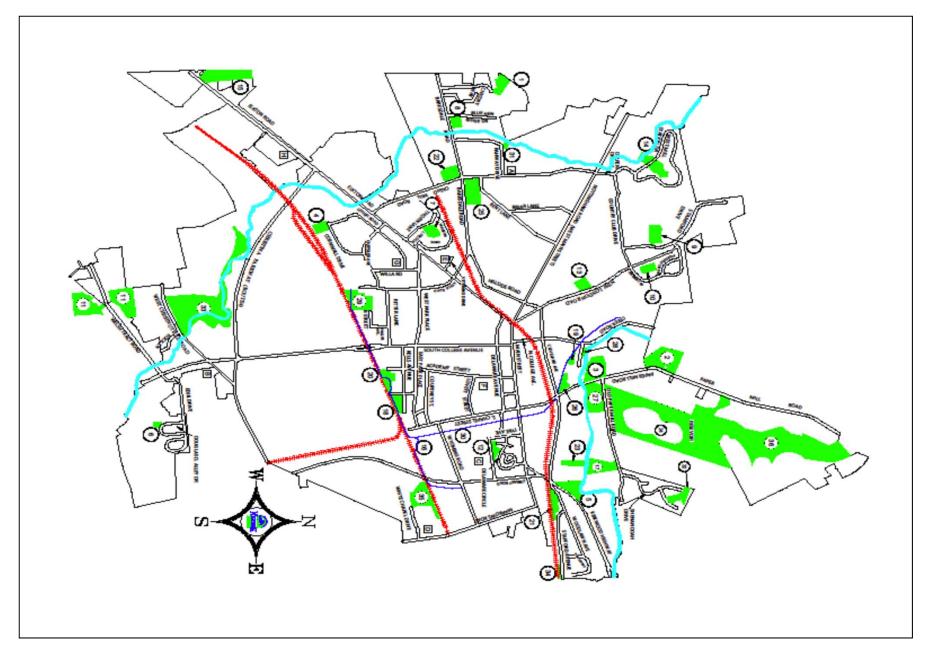
C - Community Health

D - Efficiency/Other

## **CITY OF NEWARK, DELAWARE**

## **Newark Parkland Areas Map**

(Below map is horizontal for sizing and spacing purposes)



## **CITY OF NEWARK, DELAWARE**

## **Newark Parkland Areas Ledger**

(Below map is horizontal for sizing and spacing purposes)

	\$ < w 2 m m	ו קול ומומוסוסו שו עומ	ZIC ICICISISISI I INTE		g a z n		
OTHER FACILITIES USED FOR PROGRAMS A. DOWNES SCHOOL 220 Casho MII Road B. MCVEY SCHOOL 908 Janice Drive C. NEWARK HIGH SCHOOL 750 Delaware Avenue	RAHWAY 922 Rahway Dr. RDGEWOOD GLEN Shanandoah Dr. RTTEN-HOUSE 228 West Chestrut HII Rd. STAFFORD 420 Stafford Ave. WHITE CHAPEL 300 Winto Chapel Rd. AMM M REDO., R 500 Paper Mil Rd.	NEWARK RESERVOR Old Proper Mil Rd. NORMA B. HANDLOFF 1000 Berksdeler d DIAN THOMAS 89 Paper Mil Rd. PRESTON'S PLAYGROUND Old Paper Mil Rd. PRESTON'S PLAYGROUND Old Paper Mil Rd. PARWAY 922 Rehwey Dr.	ADDEN VALLEY 120 W MII Station Dr. RONGLEN, Eliaon Rd. AMES F. HALL TRAIL VARPNSKI 345 Old Paper MII Rd. CELLS 201 Keils Ave CERSHAW 197 Paper MII Rd. LIMBROOK 100 Woodlawn Ave. LEROY C. HLL Berksdele & 1001 Cacho MII Rd. CERES 100 McKees In.	DOLEMAN 42 Country Hills Dr.  DOVERDALE 371 Paper Mil Rd.  DEVON 46 Comwell Dr.  DOROTHY P. MILLER 111 Capitol Trail  DOLOGLAS D. ALLEY 420 Dougles Dalley Drd  EDNA C. DCKEY 60 Medison Dr.  ELAN 2 Blue Hen Dr.  AIRFELD 491 Stemford Dr.  AIRFELD GREST 20 Worfield Dr.  OLK PARK 98 Weight Tract Rd.  BED RGE WLSON CENTER 303 New London Rd.	REFER TO PARKS MAP  NOTE: Lighted courts will be available for evering play until 10 p.m. from early March to early December		
		3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	15 15 15 15 15 15 15 15 15 15 15 15 15 1	12 2 3 3 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	MAPLOCATION		
E D	.9 45.9 1.8 10 68.5	1137 137	6.5 12.4 1.76 8.0 5.2 2.0 4.2 6.3	57 58 7 7 7,28 8,2 6,7 7,0 34,6 34,6	ACRES		
D. NEWARK SENIOR CENTER 200 White Chapel Drive E PARKS AND RECREATION 220 SOUTH MAIN		w w	N N N	- 1 - W	ACRES  TENNIS COURT YNO LIGHTING)  TENNIS PRACTICE WALL  BASKETBALL COURT YNO LIGHTING)		
AND C	ППП				TENNIS PRACTICE WALL		
MAIN	- 11	N 7 N .	Future Devel		BASKETBALL COURT *(NO LIGHTING)		
E ATI	ППП	uture 2	Deva		BASEBALL-SOFTBALL FIELD		
D. NEWARK SENIOR CENTER 200 White Chapel Drive E PARKS AND RECREATION OFFICE 220 SOUTH MAIN		2 - Laboration	· · · · · · · · · · · · · · · · · · ·		PLAYGROUND EQUIPMENT		
¥HC		D D D D D D D D D D D D D D D D D D D	<del>                                     </del>		SWIMMING POOL		
m		F			PLAYGROUND EQUIPMENT SWIMMING POOL PICNIC TABLES COMMUNITY CENTER		
		<del></del>			COMMUNITY CENTER Z		
					MATERIAL AREAS AND TRANS		
					PARKING PARKING		
, o					SHELTER SOCCER		
VEST 93 We 2001F		<del>                                      </del>			SOCCER		
F. WEST PARK SCHOOL 193 West Park Place G. NEWARK CHARTER SCHOOL 2001 Patriot Way		<del></del>	<del></del>		FACILITY RENTAL (HALL/KITCHEN)		
K Pa HART		<del></del>		o	HORSESHOE COURTS		
E SC	11.				VALLEY STREAM ACCESS		
OHQ.		<del>                                     </del>	<del>                                      </del>		STREET HOCKEY COURTS		
٧					BOTANICAL AREA		

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PROJECT NO: K2001
PROJECT TITLE: Park Signage

PROJECT STATUS: New Project

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	Parks and Recreation						
DIVISION:	Parks and Recreation						
FUND:	General						
PROJECT LOCATION:	Various Parks						
PROJECT PRIORITY:	4 - Medium						
	WANT, but no significant risk in the deferral of this item						
COMPREHENSIVE DEVE	LOPMENT PLANNING VISION ELEMENT:						

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2020
Est. Completion Date:	2022
Est. Useful Life (in years):	30
Est. Total Cost:	\$ 72,000
Est. Spend @ 12/31/2019 (if underway)¹:	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 72,000

Not Applicable

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

<b>FUNDING SUMMARY:</b>	2020		2021	2022	2023	2	024	To	tal 5 Year
New Funding:	\$	- \$	36,000	\$ 36,000	\$ -	\$	-	\$	72,000
*Prior Authorized Balance:	\$	- \$	-	\$ -	\$ -	\$	1	\$	-
2020-2024 Funding:	\$	- \$	36,000	\$ 36,000	\$	\$	-	\$	72,000

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	1	1	-	-	-	\$ -
CAPITAL RESERVES	_	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS TBD	_	ı	-	\$ -	1	36,000	36,000	-	-	\$ 72,000
BOND ISSUES	-	1	-	\$ -	1	1	-	-	-	\$ -
STATE REVOLVING LOAN	_	ı	-	\$ -	1	1	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	1	1	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 72,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	AVINGS)	-	-	-	-	-	\$ -

2020



**PROJECT NO:** K2002

**PROJECT TITLE: Olan Thomas Sidewalk Improvement**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020-2024 Funding: \$

200.000 200,000 200,000 \$ 200,000

2023

2024

**Total 5 Year** 

2022

PROJECT STATUS: New Project

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	Parks and Recreation						
DIVISION:	Parks and Recreation						
FUND:	General						
PROJECT LOCATION:	Olan Thomas Park						
PROJECT PRIORITY:	4 - Medium						

This project is a NEED and not a WANT, but no significant risk in the deferral of this item COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: **Inclusive Community** 

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2020
Est. Completion Date:	2022
Est. Useful Life (in years):	50
Est. Total Cost:	\$ 200,000
Est. Spend @ 12/31/2019 (if underway):	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 200,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY								
CLASSIFICATION		AMOUNT						
Labor:		\$	-					
Materials:		\$	-					
Other Contracts:	3063006.9620	\$	200,000					
TOTAL PRO	DJECT COST	\$	200,000					

<sup>&</sup>lt;sup>2</sup> 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."

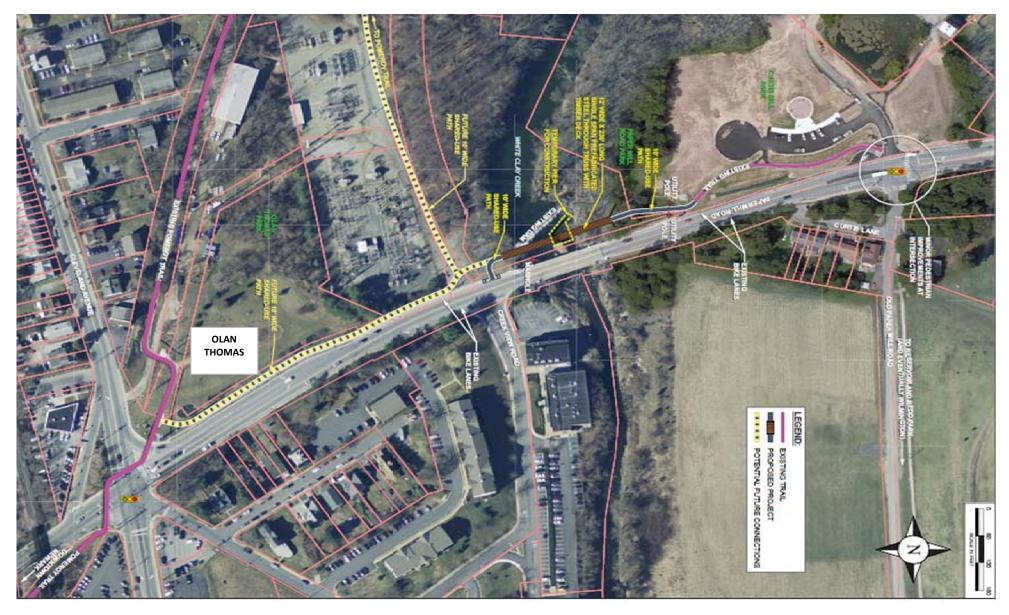
## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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 FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS</b>	:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES		1	-	-	\$ -	1	1	200,000	-	-	\$ 200,000
CAPITAL RESERVES		1	-	-	\$ -	1	1	-	1	-	\$ -
EQUIPMENT REPLACEMENT		-	-	-	\$ -	1	1	-	1	-	\$ -
GRANTS	(SPECIFY)	-	-	-	\$ -	1	1	-	1	-	\$ -
BOND ISSUES		-	-	-	\$ -	1	1	-	1	-	\$ -
STATE REVOLVING LOAN		-	-	-	\$ -	1	1	-	1	-	\$ -
OTHER (	(SPECIFY)	-	-	-	\$ -	1	1	-	1	-	\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
§ 806.1(4) <b>ESTIMA</b>	TED ANNUAL COST O	F	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTA	INING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

## **K2002: Olan Thomas Sidewalk Improvement**

**Supporting Documentation - Page 1** (Below map is horizontal for sizing and spacing purposes)



NEWARK

Balance to be funded:

PROJECT NO: K2003

PROJECT TITLE: Handloff Park Trail

PROJECT STATUS: New Project

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	Parks and Recreation						
DIVISION:	Parks and Recreation						
FUND:	General						
PROJECT LOCATION:	Handloff Park						
PROJECT PRIORITY:	4 - Medium						
	a WANT, but no significant risk in the deferral of this item						
COMPREHENSIVE DEVI	ELOPMENT PLANNING VISION ELEMENT:						

§ 806.1(3) SUMMARY OF PROJECT DATA							
First Year in Program:		2020					
Est. Completion Date:		2024					
Est. Useful Life (in years):		30					
Est. Total Cost:	\$	200,000					
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$						
% Complete (if underway):		0.0%					

Not Applicable

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY								
CLASSIFICATION ACCOUNT NUMBER AMOU								
Labor:		\$	-					
Materials:		\$	-					
Other Contracts:	3063006.9620	\$	200,000					
TOTAL PRO	\$	200,000						

<sup>&</sup>lt;sup>2</sup> 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."

<b>FUNDING SUMMARY:</b>	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$	- \$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
*Prior Authorized Balance:	\$	- \$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$	- \$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	200,000	\$ 200,000
CAPITAL RESERVES	-	-	-	\$ -	-	1	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
§ 806.1(4) ESTIMATED ANNUAL COST	OF	OPE	RATING IMPACT	T:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR	ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

DEPARTMENT:

PROJECT LOCATION:

Balance to be funded:

PROJECT PRIORITY:

DIVISION:

FUND:

**PROJECT NO:** K2004

**PROJECT TITLE: Facilities Accessibilty (ADA** 

Compliance)

**PROJECT STATUS:** New Project

Parks and Recreation

Parks and Recreation

**CAPITAL BUDGET - PROJECT DETAIL** 

General

Various Parks

3 - Medium-High The City would be taking a calculated risk in the deferral of this item COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

<b>FUNDING SUMMARY:</b>	2020		2021		2022		2023		2024		Total 5 Year	
New Funding:	\$	45,000	\$	45,000	\$	20,000	\$	20,000	\$	20,000	\$	150,000
*Prior Authorized Balance:	\$		\$	-	\$	-	\$	-	\$	-	\$	-
2020-2024 Funding:	\$	45,000	\$	45,000	\$	20,000	\$	20,000	\$	20,000	\$	150,000

	Charter § 806.1(2) <b>DESCRIPTI</b>	ON & JUSTIFICATION:
A compliant access to park facilities. For	ollowing guidelines, we are involc	oved in a program to cro

ADA reate access to at least 20% of our faciliities to include: playing court sites, playground equipment, picnic shelters, hard surface trails and parking lots. Improvements will include Kells Park, Handloff Park, Folk Park and other various locations throughout the park system.

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

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	_	\$ -	45,000	45,000	20,000	20,000	20,000	\$ 150,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	1	-	-	-	-	\$ -
BOND ISSUES	-	1	-	\$ -	1	-	1	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	-	1	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 150,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

2022



**PROJECT NO:** K2005

**PROJECT TITLE:** Track Loader/Mini-Skid Steerer **FUNDING SUMMARY:** 

New Funding: \*Prior Authorized Balance: 2020-2024 Funding: \$

2020

36,000 36,000 36,000 36,000

2024

**Total 5 Year** 

2023

PROJECT STATUS: New Project

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

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2020				
Est. Completion Date:		2021				
Est. Useful Life (in years):		10				
Est. Total Cost:	\$	36,000				
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$	-				
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	36,000				

Not Applicable

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	1	\$ -	-	36,000	-	-	-	\$ 36,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	1	-	-	1	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,000	\$ -	\$ -	\$ -	\$ 36,000
§ 806.1(4) ESTIMATED ANNUAL COST	OF	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR	ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** 11703

**PROJECT TITLE: Recreation Management Software**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 88,500 88,500 88,500 \$ 88.500 2020-2024 Funding: \$

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Parks & Recreation				
DIVISION:	Parks & Recreation				
FUND:	General				
PROJECT LOCATION:	Municipal Building				
PROJECT PRIORITY:	3 - Medium-High				
The City would be taking a calculated risk in the deferral of this item					
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:					
Not Applicable					

§ 806.1(3) SUMMARY OF PROJECT DATA					
First Year in Program:		2017			
Est. Completion Date:		2020			
Est. Useful Life (in years):		10			
Est. Total Cost:	\$	88,500			
Est. Spend @ 12/31/2019 (if underway):	\$	-			
% Complete (if underway):		0.0%			
Balance to be funded¹:	\$	88,500			

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

current year to derive the balance to be runded thereafter							
PROJECT COST BY CATEGORY							
CLASSIFICATION		AMOUNT					
Labor:							
Materials:							
Other Contracts:	3063006.9622	\$	88,500				
TOTAL PRO	\$	88,500					

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

The City's Recreation Management Software is due for replacement. The current system, implemented in the late 2000's has become antiquated and is no longer efficient for managing our complex recreation programs and services to Newark residents. These services include summer camps, sports, after-school care and other recreation events across the City. This software replacement is anticipated to further merge our internal operations along the Tyler Technologies Munis platform, allowing for shared database information, cashiering and reporting.

Currently scheduled for 2020 (\$88,500)

Replacement for legacy software that is no longer supported

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

3 Solutions being considered

Will provide online portal for residents

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	58,500	1	-	\$ 58,500	1	-	-	-	1	\$ -
CAPITAL RESERVES	30,000	-	-	\$ 30,000	88,500	-	-	-	-	\$ 88,500
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	ı	_	\$ -	1	-	-	-	-	\$ -
BOND ISSUES	-	1	-	\$ -	1	1	-	-	1	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	1	1	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	1	-	-	-	-	\$ -
TOTAL:	\$ 88,500	\$ -	\$ -	\$ 88,500	\$ 88,500	\$ -	\$ -	\$ -	\$ -	\$ 88,500
§ 806.1(4) ESTIMATED ANNUAL COST OF	3	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

**PROJECT NO:** K1704

PROJECT TITLE: **Lumbrook Park Pavilion** 

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

45,000

45,000

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Parks & Recreation				
DIVISION:	Parks & Recreation				
FUND:	General				
PROJECT LOCATION:	Lumbrook Park				
PROJECT PRIORITY:	4 - Medium				
This project is a NEED and not a WANT, but no significant risk in the deferral of this item					

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: Healthy & Active Community

§ 806.1(3) SUMMARY OF PROJECT DATA					
First Year in Program:	2017				
Est. Completion Date:	2020				
Est. Useful Life (in years):	40				
Est. Total Cost:	\$ 45,000				
Est. Spend @ 12/31/2019 (if underway):	\$ -				
% Complete (if underway):	0.0%				
Balance to be funded¹:	\$ 45,000				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION ACCOUNT NUMBER AMOUN							
Labor:		\$	-				
Materials:		\$	-				
Other Contracts:	3063006.9620	\$	45,000				
TOTAL PRO	JECT COST	\$	45,000				

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	45,000	1	-	-	-	\$ 45,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	_	1	_	\$ -	-	1	-	-	-	\$ -
GRANTS (SPECIFY)	-	ı	-	\$ -	-	1	-	-	-	\$ -
BOND ISSUES	-	1	_	\$ -	-	1	-	-	-	\$ -
STATE REVOLVING LOAN	-	ı	-	\$ -	-	1	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	1	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** K1705

**PROJECT TITLE: Preston's Playground and Utility Lines** 

**FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 50,000 50,000 50.000 S 2020-2024 Funding: 50.000

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL				
DEPARTMENT:	Parks & Recreation			
DIVISION:	Parks & Recreation			
FUND:	General			
PROJECT LOCATION:	Preston's Playground at Reservoir			
PROJECT PRIORITY:	4 - Medium			
This project is a NEED and not a	a WANT, but no significant risk in the deferral of this item			

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: **Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT DATA				
First Year in Program:	2017			
Est. Completion Date:	2020			
Est Useful Life (in years):	50			

Est. Useful Life (in years):	50
Est. Total Cost:	\$ 110,000
Est. Spend @ 12/31/2019 (if underway):	\$ 60,000
% Complete (if underway):	54.5%
Balance to be funded¹:	\$ 50,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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 <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	18,598	1	\$ (18,598)	1	1	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	1	1	-	-	1	\$ -
GRANTS ORPT	60,000	-	41,402	\$ 18,598	50,000	1	-	-	1	\$ 50,000
BOND ISSUES	-	1	1	\$ -	1	1	-	-	1	\$ -
STATE REVOLVING LOAN	-	1	1	\$ -	1	-	-	-	1	\$ -
OTHER (SPECIFY)	-	-	1	\$ -	1	-	-	-	1	\$ -
TOTAL:	\$ 60,000	\$ 18,598	\$ 41,402	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	Γ:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: K1601

PROJECT TITLE: Charles Emerson Bicycle/Pedestrian

**Bridge** 

PROJECT STATUS: In Progress (with end date)

2020 2021 2022 2023 2024 **Total 5 Year FUNDING SUMMARY:** 807,000 807,000 New Funding: \$ 1,150,000 \$ 1,150,000 \*Prior Authorized Balance \$ 1.957.000 2020-2024 Funding: \$ 1,957,000 \$

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

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:	2016							
Est. Completion Date:	2020							
Est. Useful Life (in years):	50							
Est. Total Cost:	\$ 2,057,000							
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$ 100,000							
% Complete (if underway):	4.9%							
Balance to be funded¹:	\$ 1,957,000							

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY									
CLASSIFICATION		AMOUNT							
Labor:		\$	-						
Materials:		\$	-						
Other Contracts:	3063006.9620	\$	1,957,000						
TOTAL PRO	JECT COST	\$	1,957,000						

<sup>&</sup>lt;sup>2</sup> 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

#### **TOTAL OTHER FUNDING:**

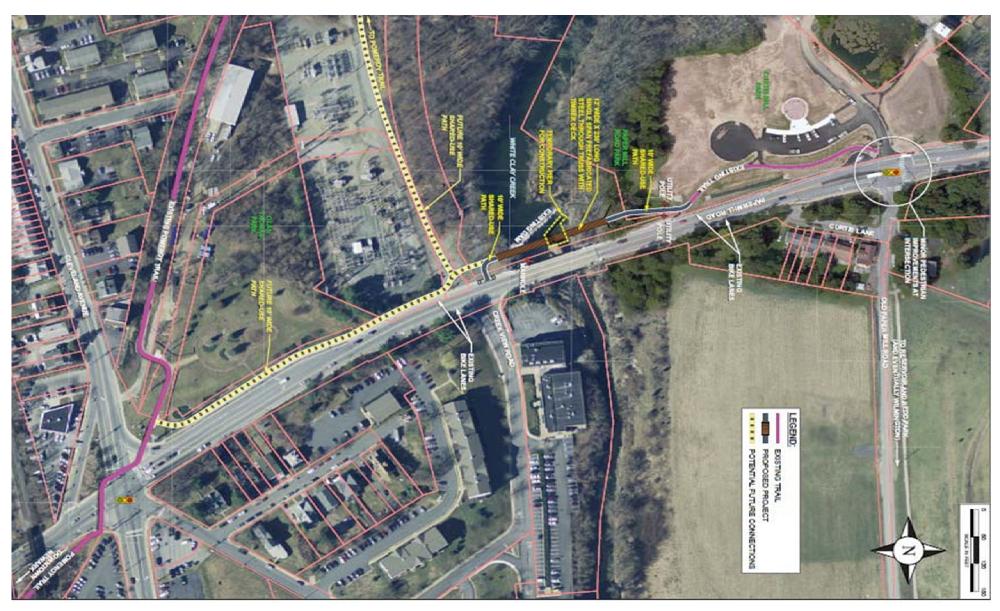
\$210,000 from New Castle County

\$100,000 from the University of Delaware

The project has a total of \$1,770,000 in funding secured.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	100,000	-	100,000	\$ -	187,000	-	-	-	-	\$ 187,000
CAPITAL RESERVES	_	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS FHWA (800K), SORPT (500K), CTF (160K)	850,000	ı	_	\$ 850,000	1,460,000	1	-	-	-	\$ 1,460,000
BOND ISSUES	-	1	-	\$ -	-	ī	-	-	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER NCC (210K), UD (100K)	300,000	1	-	\$ 300,000	310,000	-	-	-	-	\$ 310,000
TOTAL:	\$ 1,250,000	\$ -	\$ 100,000	\$ 1,150,000	\$ 1,957,000	\$ -	\$ -	\$ -	\$ -	\$ 1,957,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	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**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

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

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Parks & Recreation					
DIVISION:	Parks & Recreation					
FUND:	General					
PROJECT LOCATION:	William Redd Park					
PROJECT PRIORITY:	4 - Medium					
This project is a NEED and not	a WANT, but no significant risk in the deferral of this item					
COMPREHENSIVE DEV	ELOPMENT PLANNING VISION ELEMENT:					

**Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		2016						
Est. Completion Date:		2022						
Est. Useful Life (in years):		20						
Est. Total Cost:	\$	101,932						
Est. Spend @ 12/31/2019 (if underway):	\$	39,932						
% Complete (if underway):		39.2%						
Balance to be funded¹:	\$	62,000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY									
CLASSIFICATION		AMOUNT							
Labor:		\$	-						
Materials:		\$	-						
Other Contracts:	3063006.9620	\$	62,000						
TOTAL PRO	\$	62,000							

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

This request is to fund the completion of trail surface amendments and to purchase materials to construct and install a footbridge over a tributary of Jenney's Run, and create a trail addition for the Redd Park Trail Network. We will be requesting funding through the State's Recreation Trail Program (RTP). The program requires a 20% local match. This trail addition will connect Redd Park and the Newark Reservoir Trails to Paper Mill Road near the Thompson Station Intersection and easy access to the State of Delaware's Tri-Valley Trail.

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

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	6,400	6,000	-	-	\$ 12,400
CAPITAL RESERVES	7,932	-	7,932	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS RTP/CTF	32,000	1	32,000	\$ -	-	25,600	24,000	-	-	\$ 49,600
BOND ISSUES	-	1	-	\$ -	-	1	1	-	1	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	1	-	-	-	\$ -
TOTAL:	\$ 39,932	\$ -	\$ 39,932	\$ -	\$ -	\$ 32,000	\$ 30,000	\$ -	\$ -	\$ 62,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR AS			RATING IMPACT AL COSTS (NET S		2020	2021	2022	2023	2024	TOTAL

**PROJECT NO:** K1501

**PROJECT TITLE:** Iron Glen Park Master Plan

New Funding: \*Prior Authorized Balance 2020-2024 Funding: \$

**FUNDING SUMMARY:** 

2023 50,000 50,000

2022

2024

**Total 5 Year** 

50,000

50,000

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Parks & Recreation					
DIVISION:	Parks & Recreation					
FUND:	General					
PROJECT LOCATION:	Iron Glen Park, Elkton Road					
PROJECT PRIORITY:	4 - Medium					
This project is a NEED and not a WANT, but no significant risk in the deferral of this item						
COMPREHENSIVE DEVI	ELOPMENT PLANNING VISION ELEMENT:					

**Healthy & Active Community** 

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

 $<sup>^{\</sup>rm 1}$  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	AMOUN							
Labor:		\$	-						
Materials:		\$	-						
Other Contracts:	3063006.9620	\$	50,000						
TOTAL PRO	\$	50,000							

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

In 1994 Newark acquired this 12.7 acre parcel. The purchase was funded by the Delaware Land and Water Conservation Trust Fund (DTF). A stipulation when using DTF funding is that the property must be utilized for public outdoor recreation. For the past 12 years the site has been used as one of the City's leaf and yard waste sites. That operation is being relocated. This project is to have a master plan completed for the parkland.

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

2020

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

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	50,000	-	-	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	1	-	\$ -	-	ī	1	1	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	1	1	-	\$ -
BOND ISSUES	-	1	-	\$ -	-	ī	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: K1502

PROJECT TITLE: Fitness Stations

PROJECT STATUS: In Progress (with end date)

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

Charter § 806.1(2) <b>DESCRIPTION &amp; JUSTIFICATION</b> :
The department has received requests to install fitness stations along trails. This program started in 2015 with four (4) stations placed along
the Hall Trail. This first phase was funded by revenues from the Mayor's Masquerade Run. This funding will be used to install added fitness

amenities along the Hall and Pomeroy Trails and other locations throughout the park system.

CAPITAL BODGET - PROJECT DETAIL							
DEPARTMENT:	Parks & Recreation						
DIVISION:	Parks & Recreation						
FUND:	General						
PROJECT LOCATION:	Along trails: Hall, Pomeroy and others						
PROJECT PRIORITY:	4 - Medium						
	WANT, but no significant risk in the deferral of this item						
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:							
	Healthy & Active Community						

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2015
Est. Completion Date:		2021
Est. Useful Life (in years):		12
Est. Total Cost:	\$	21,108
Est. Spend @ 12/31/2019 (if underway)¹:	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	21,108

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

	PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUN</b>	DS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES		1,108	-	_	\$ 1,108	-	1,108	-	-	1	\$ 1,108
CAPITAL RESERVES		-	-	_	\$ -	-	-	-	-	1	\$ -
EQUIPMENT REPLACEMEN	Т	-	1	-	\$ -	1	1	1	-	1	\$ -
GRANTS	(SPECIFY)	20,000	1	-	\$ 20,000	-	20,000	1	-	1	\$ 20,000
BOND ISSUES		-	-	-	\$ -	1	1	-	-	1	\$ -
STATE REVOLVING LOAN		-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER	(SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -
TOTAL:		\$ 21,108	\$ -	\$ -	\$ 21,108	\$ -	\$ 21,108	\$ -	\$ -	\$ -	\$ 21,108
§ 806.1(4) <b>ESTIN</b>	NATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAIN	TAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** K1301

**PROJECT TITLE: Hard Surface Facilities Improvements** 

PROJECT STATUS: Reoccurring (with no end date)

**FUNDING SUMMARY:** New Funding: 2020 2021 2022 2023 84,119 280,000 152,000 230.000 107,181

2020-2024 Funding: \$

107,181 \*Prior Authorized Balance 191,300 \$ 280,000 230,000 152,000 190,000 \$ 1,043,300

2024

190,000

**Total 5 Year** 

936,119

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	Parks & Recreation						
DIVISION:	Parks & Recreation						
FUND:	General						
PROJECT LOCATION:	Various						
PROJECT PRIORITY:	2 - High Priority Level						
Critical need to remediate failing service, prevent failure, or generate savings							
COMPDEHENSIVE DEVELOPMENT DI ANNING VISIONI ELEMENT.							

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: **Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 1,108,300
Est. Spend @ 12/31/2019 (if underway)¹:	\$ 65,000
% Complete (if underway):	5.9%
Balance to be funded¹:	\$ 1,043,300

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

The city's inventory of hard surface facilities, such as multi-purpose courts, street hockey courts, tennis courts, parking lots, hard surface trails, basketball courts, etc. are evaluated each year and scheduled for periodic replacement, upgrades and/or resurfacing. 2018 projects completed included the Phillips Park parking lot expansion and overlay and basketball court overlay, Leroy Hill Park parking lot overlay and George Wilson Center parking lot overlay.

Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

## K1301: Hard Surface Facilities Improvements Supporting Documentation - Page 1 (Revised June 18, 2019)

## **Details for Capital Project K1301:**

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

NEWARK

Balance to be funded:

PROJECT NO: K1202

PROJECT TITLE: Kershaw Park Improvements

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance:

2020-2024 Funding:

\$

across the South side of the White Clay Creek Bridge.

 2020
 2021
 2022
 2023
 2024
 Total 5 Year

 \$
 \$
 200,000
 \$
 \$
 \$
 200,000

 \$
 \$
 \$
 \$
 \$
 \$
 \$
 \$
 \$
 \$
 \$
 200,000

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Parks & Recreation					
DIVISION:	Parks & Recreation					
FUND:	General					
PROJECT LOCATION:	Kershaw Park					
PROJECT PRIORITY:	4 - Medium					
This project is a NEED and not a WANT, but no significant risk in the deferral of this item						
COMPREHENSIVE DEV	COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:					

**Healthy & Active Community** 

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

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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."

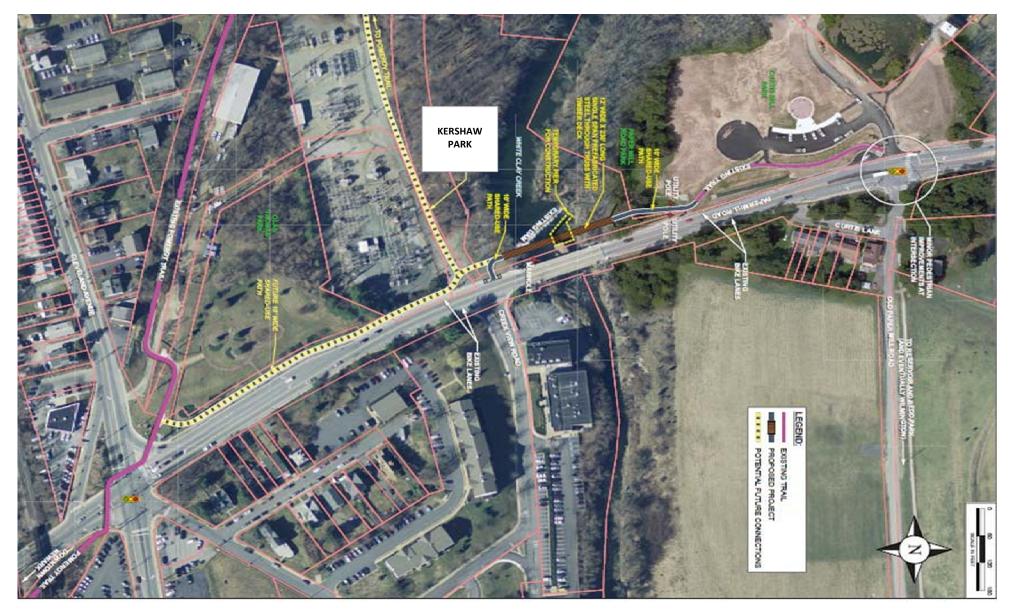
The project is included in the 2011 Master Plan which was created for this site as well as the Curtis Mill Park and Old Paper Mill Road Park. The Curtis Mill Park project was completed in 2015. The project includes parking lot improvements and creating a Pomeroy Trail connection from Paper Mill Road on the South side of the White Clay Creek Bridge. Project Scope: Design and engineering, survey, permitting and construction management and landscaping. Parking lot improvements and creating a Pomeroy Trail connection from Paper Mill Road just

Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	200,000	-	-	-	\$ 200,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	1	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	=	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

## **K1202: Kershaw Park Improvements**

**Supporting Documentation - Page 1** (Below map is horizontal for sizing and spacing purposes)





**PROJECT NO:** K1203

**PROJECT TITLE: Old Paper Mill Park Improvements**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2024 **Total 5 Year** 2020 2021 2022 2023 600,000 600.000 1,200,000 600,000 600,000 \$ \$ 1,200,000 2020-2024 Funding: \$

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL				
DEPARTMENT:	Parks & Recreation			
DIVISION:	Parks & Recreation			
FUND:	General			
PROJECT LOCATION:	Old Paper Mill Rd			
PROJECT PRIORITY:	4 - Medium			
This project is a NEED and not	a WANT but no significant risk in the deferral of this item			

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: **Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2019					
Est. Completion Date:	2022					
Est. Useful Life (in years):	50					
Est. Total Cost:	\$ 1,300,000					
Est. Spend @ 12/31/2019 (if underway)¹:	\$ 100,000					
% Complete (if underway):	7.7%					
Balance to be funded¹:	\$ 1,200,000					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

New park construction:

-Project Scope:

Installation of a new parking lot in 2019 to assist with overflow parking at the reservoir due to the construction of Preston's Playground and events at the reservoir. 2019 will also include updating the master plan for Old Paper Mill Park. Outlying years would include engineering, surveying, permitting, construction contract preparation, construction management and park construction. Will attempt to secure grant funding.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	100,000	41,854	58,146	\$ -	-	600,000	600,000	-	-	\$ 1,200,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	1	1	1	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	1	-	1	1	1	\$ -
TOTAL:	\$ 100,000	\$ 41,854	\$ 58,146	\$ -	\$ -	\$ 600,000	\$ 600,000	\$ -	\$ -	\$ 1,200,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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



# CURTIS PAPER MILL SITE & OLD PAPER MILL ROAD PARK MASTER PLAN





CITY OF NEWARK, NEW CASTLE COUNTY, DELAWARE

**PROJECT NO:** K0908

**PROJECT TITLE: Children's Play Equipment**  **FUNDING SUMMARY: New Funding:** \*Prior Authorized Balance

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

PROJECT STATUS: Reoccurring (with no end date)

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

**Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2009					
Est. Completion Date:	Perpetual					
Est. Useful Life (in years):	12					
Est. Total Cost:	\$ 216,604					
Est. Spend @ 12/31/2019 (if underway):	\$ -					
% Complete (if underway):	0.0%					
Balance to be funded¹:	\$ 216,604					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	60,000	-	_	\$ 60,000	-	40,000	40,000	16,450	60,000	\$ 156,450
CAPITAL RESERVES	154	-	-	\$ 154	60,154	-	-	-	-	\$ 60,154
EQUIPMENT REPLACEMENT	-	-	_	\$ -	-	-	1	1	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	1	1	-	\$ -
BOND ISSUES	-	-	_	\$ -	-	-	1	1	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	1	1	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	1	1	-	\$ -
TOTAL:	\$ 60,154	\$ -	\$ -	\$ 60,154	\$ 60,154	\$ 40,000	\$ 40,000	\$ 16,450	\$ 60,000	\$ 216,604
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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PROJECT NO: KEQSF

PROJECT TITLE: Equipment Replacement Program

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance

2020-2024 Funding: \$

2020 2021 2022 2023 2024 **Total 5 Year** 40,000 30,000 155.000 25,000 395,000 145,000 40,000 \$ 30,000 145,000 155,000 \$ 25,000 395,000

PROJECT STATUS: Reoccurring (with no end date)

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Parks & Recreation					
DIVISION:	Parks & Recreation					
FUND:	General					
PROJECT LOCATION:	Various					
PROJECT PRIORITY:	1 - Highest Priority Level					
Project underway and must be completed						

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:
Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 628,000
Est. Spend @ 12/31/2019 (if underway):	\$ 233,000
% Complete (if underway):	37.1%
Balance to be funded¹:	\$ 395,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT				
Labor:		\$	1				
Materials:		\$	1				
Other Contracts:	\$	395,000					
TOTAL PRO	DJECT COST	\$	395,000				

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	_	-	-	\$ -	-	1	1	-	-	\$ -
CAPITAL RESERVES	59,517	31,330	28,187	\$ -	15,050	16,518	33,982	46,606	53	\$ 112,209
EQUIPMENT REPLACEMENT	173,483	173,483	1	\$ -	24,950	13,482	111,018	108,394	24,947	\$ 282,791
GRANTS (SPECIFY)	-	-	1	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 233,000	\$ 204,813	\$ 28,187	\$ -	\$ 40,000	\$ 30,000	\$ 145,000	\$ 155,000	\$ 25,000	\$ 395,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	ī:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

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

				MILEAGE	RECOM'D	NORMAL	NORMAL	BUDGET	EQUIPMENT						
VEHICLE		PURCHASE	PURCHASE	AS OF	MILEAGE	YEARS	REPL	REPL	SINKING			CEMENT	COSTS		
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	2020	2021	2022	2023	20	24
	CTAFF VEHICLES														
4.427	STAFF VEHICLES	02/10/12	24.740	24.264	70.000	10	2022	2022	24.710			20.000			
1427	2012 Toyota Camry Hybrid	03/19/12	24,718	21,264	70,000	10	2022	2022	24,718			30,000			
1431	2018 Dodge Ram 2500 4X4	11/09/18	31,980		70,000	10	2028	2028	31,980						
1437	2016 Dodge Grand Caravan	10/30/15	23,223	12,264	70,000	10	2025	2025	23,223						
	<u>HORTICULTURE</u>														
1401	2009 Ford Ranger Pickup Truck	04/03/09	13,482	68,375	85,000	10	2019	2021	13,482		30,000				
1426	2012 Ford F350 Crew Cab	07/13/12	30,639	43,086	110,000	10	2022	2022	30,639			55,000			
1435	2018 Dodge Ram 2500, 4x4 Crew Cab	09/07/18	29,877	4,861	55,000	10	2018	2028	29,877						
1440	2016 Ford F250 Pickup Truck 4x4	07/27/16	24,967	17,291	85,000	10	2026	2026	24,967						
	·														
	PARK MAINTENANCE														
1430	2009 Ford F350 1 Ton Pickup Truck 4x4	05/01/09	24,950	44,391	48,000	10	2019	2020	24,950	40,000					
1433	2016 Ford F450 Swaploader 4x4	03/24/16	69,709	5,462	70,000	10	2026	2026	69,709						
1434	2017 Ford F350 Pickup Truck 4x4	07/18/17	29,209	7,857	85,000	10	2027	2027	29,209						
1436	2014 Ford F350 Pickup Truck 4x4	11/14/13	28,819	30,751	85,000	10	2023	2023	28,819				45,000		
1439	2016 Ford F350 Pickup Truck 4x4	11/05/15	25,721	18,295	·	10	2026	2026	25,721						
	·														
	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 F3990 Mower	06/11/19	27,989			10	2029	2029	27,989				***************************************		
1424	2014 Walker Riding Mower 26 HP	05/28/14	24,947			10	2024	2024	24,947					2	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 PARK	S AND RECREATION DEPARTMENT					GROSS AC	QUISITION C	OST		\$ 40,000	\$ 30,000	\$ 145,000	\$ 155,000	\$ 2	25,000
						LESS: USI	OF CAPITAL	RESERVES		(15,050)	(16,518)	(33,982)	(46,606)		(53)
						LESS: USI	OF CURREN	IT RESOURC	CES	-		=	=		
						NET EQUIP	MENT SINK	ING FUND 1	TOTAL	\$ 24,950	\$ 13,482	\$ 111,018	\$ 108,394	\$ 2	24,947

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# CITY OF NEWARK, DELAWARE CAPITAL IMPROVEMENTS PROGRAM 2020-2024

(with current year amended budget)

## PARKING FUND - PLANNING AND DEVELOPMENT DEPARTMENT - PARKING DIVISION

\*Prior Authorized Balance:

**New Funding:** 

2020

343,391

						_	_				_			
					2020-2024 Funding:	\$ 343,391	. \$	183,000	\$ -	\$ -	\$	40,000	\$	566,391
						*Prior Authorized	Balance includ	des 2019 carr	yover funding only.					
			2019	20	20									
PROJECT	PROJECT		BUDGET	RESERVES AND	CURRENT	2020	20	24	2022	2022	-	004	_	
NUMBER	NAME		AS AMENDED	OTHER FUNDING	FUNDING	2020	20	21	2022	2023	20	024		TOTAL
V2002	Campus District Kiosk Installation	С	\$ -	\$ -	\$ -	\$ -		168,000	\$ -	\$ -	\$	-	\$	168,000
V1901	Parking Lot Surface Maintenance	В	127,740	-	105,000	105,000	)	-	-	-		-		105,000
V1904	Parking Ambassador Radios	D	27,000	-	-	-		-	=	=		-		-
V1905	Newark Parking Kiosk Program	С	309,376	87,391	100,000	187,391		-	-	-		-		187,391
V1802	Lot #1 Expansion	Α	215,000	-	-	-		-	-	-		-		-
V1702	Additional Parking Sensors	Α	15,000	-	-	-		-	-	-		-		-
V1703	Lot Countdown Signs	D	24,000	=	-	-		15,000	-	-		-		15,000
VEQSF	Equipment Replacement Program	D		49,851	1,149	51,000	)		-	=		40,000		91,000
										-				
Total Par	king Fund - Parking Division		\$ 718,116	\$ 137,242	\$ 206,149	\$ 343,391	. \$	183,000	\$ -	\$ -	\$	40,000	\$	566,391
PLANNED	FINANCING SOURCES													
	GROSS CAPITAL IMPROVEMENTS		\$ 718,116	\$ 137,242	\$ 206,149	\$ 343,391	. Ś	183,000	\$ -	\$ -	Ś	40,000	Ś	566,391
	LESS: USE OF RESERVES		(652,116)	(67,861)	-	(67,861		-	-	-	*	-	*	(67,861)
	VEHICLE & EQUIPMENT REPLACEMENT		-	(41,029)	_	(41,029	-	_	_	_		(24,457)		(65,486)
	GRANTS		_	(8,822)	_	(8,822	-	_	_	_		-		(8,822)
	BOND ISSUES		_	(0,022)	_	(0,022	.,	_	_	_		_		(0,022)
	OTHER FINANCING SOURCES		(12,000)	(19,530)		(19,530	1)							(19,530)
	OTTEN THANKING SOUNCES		(12,000)	(19,550)		(19,550	<u>''</u>	<u> </u>						(15,550)
	NET CAPITAL IMPROVEMENTS		\$ 54,000	\$ -	\$ 206,149	\$ 206,149	\$	183,000	\$ -	\$ -	\$	15,543	\$	404,692

FUNDING

2022

2021

168,720

SUMMARY

2024

40,000

Total 5 Year

552,111

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



PROJECT NO: V2002

**PROJECT TITLE: Campus District Kiosk Installation**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 168,000 168,000 168.000 168.000 2020-2024 Funding: \$

PROJECT STATUS: New Project

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						
00115555	EL ODA JENIT DI ANIMINIO VIGIGAL EL EN JENIT					

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: **Inclusive Community** 

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2020
Est. Completion Date:	2021
Est. Useful Life (in years):	12
Est. Total Cost:	\$ 168,000
Est. Spend @ 12/31/2019 (if underway)¹:	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 168,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

<sup>&</sup>lt;sup>2</sup> 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 includes Kent Way, Amstel Avenue, Courtney Street, and Academy Street, south of Delaware Avenue (also known as Long Academy). As each street is unique, each one has a different cost to adding kiosks.

The breakdown of each street is as follows:

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

Total: 21 Kiosks

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

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	1	168,000	-	-	-	\$ 168,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	_	1	-	\$ -	1	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	ı	-	\$ -	1	-	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	1	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ 168,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	(7,500)	(15,000)	(18,000)	(21,000)	\$ (61,500)



% Complete (if underway):

Balance to be funded:

PROJECT NO: V1901

PROJECT TITLE: Parking Lot Surface Maintenance **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 105,000 105,000 2020-2024 Funding: \$ 105.000 S 105.000

PROJECT STATUS: Reoccurring (with no end date)

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 DEVI	ELOPMENT PLANNING VISION ELEMENT:					

§ 806.1(3) SUMMARY OF PROJECT DATA										
First Year in Program:		2010								
Est. Completion Date:		Perpetual								
Est. Useful Life (in years):		10-15								
Est. Total Cost:	\$	331,897								
Est. Spend @ 12/31/2019 (if underway):	\$	226,897								

Sustainable Community

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

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

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Originally, based on cost and useful life estimates provided by PWWR, a program was established for municipal parking lot surface maintenance for each facility on an estimated ten year cycle, subject to inspection and recommendation by PWWR. This is an on-going effort, and is needed to remediate failing parking lot surfaces. This has been reclassified to V1901, but used to be under V1001 previously.

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

Lot #2: This lots surface was redone when 58 East Main Street was completed and multiple properties that were leased over to the City of Newark were combined with the original Lot 2 footprint. This lot does not need maintenance at this time due to recent construction.

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

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

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

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	105,000	1	-	-	1	\$ 105,000
CAPITAL RESERVES	99,157	-	99,157	\$ -	1	-	-	-	1	\$ -
EQUIPMENT REPLACEMENT	_	-	-	\$ -	1	1	-	-	1	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	1	1	-	-	1	\$ -
BOND ISSUES	127,740	-	127,740	\$ -	1	1	-	-	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	-	-	-	1	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	1	-	-	-	1	\$ -
TOTAL:	\$ 226,897	\$ -	\$ 226,897	\$ -	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
§ 806.1(4) ESTIMATED ANNUAL COST O	§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL	
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET :	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: V1905

PROJECT TITLE: Newark Parking Kiosk Program

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance:

2020-2024 Funding: \$

 2020
 2021
 2022
 2023
 2024

 187,391
 \$
 \$
 \$

 \$
 \$
 \$

 187,391
 \$
 \$
 \$

PROJECT STATUS: In Progress (with end date)

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

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2019
Est. Completion Date:		2020
Est. Useful Life (in years):		5
Est. Total Cost:	\$	496,767
Est. Spend @ 12/31/2019 (if underway):	\$	309,376
% Complete (if underway):		62.3%
Balance to be funded¹:	\$	187,391

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY								
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT					
Labor:		\$	-					
Materials:		\$	-					
Other Contracts:	5495406.9620	\$	187,391					
TOTAL PRO	DJECT COST	\$	187,391					

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Detail: Parking implementation to modernize City of Newark's current Parking infrastructure, moving from fixed parking meters to a kiosk/LPR system.

## 2019 Costs: Year One Total \$309,376

- License Plate Recognition and Initial Cost Setup \$140,996
- Haines Street \$32,390 5 Kiosks 40+ New Parking Spaces
- Lovett Avenue \$19,530 3 Kiosks 23 New Parking Spaces
- Center Street \$19,530 3 Kiosks -

13 New Parking Spaces + 8 IPS Replacement

North Chapel - \$6,430 - 1 Kiosk -

3 New Parking Spaces + 2 IPS Replacement

Main Street (Washington to Chapel) -

\$51,680 - 8 Kiosks - 49+ IPS Replacement

- Lot #2 Pilot \$12,860 2 Kiosks 71 New Night/Weekend Spaces
- Lot #6 Pilot \$6,430 1 Kiosk 34 IPS Replacement
- Lot #3 \$19,530 3 Kiosks 130+ ParkingSoft Replacement (\*\*LANG Reimbursement\*\*)

## 2020 Costs: Year Two Total \$187,391

- Main Street (Chapel to College) and Immediate Streets -\$128,801 - 20 Kiosks - 154+ IPS Replacement
- Main Street (College to Deer Park) and New London Rd. -\$19,530 - 3 Kiosks - 24 IPS Replacement
- Lot #1 \$19,530 3 Kiosks 245+ ParkingSoft Replacement
- Lot #4 \$19,530 3 Kiosks 152 ParkingSoft Replacement

#### Return-On-Investment:

Annual ROI after Year 2 Implementation: \$536,100

Shown below under the Operating Impact section

**Total 5 Year** 

187,391

187.391

#### 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

\*\*Please note, \$100,000 in 2020 current resources will be deauthorized from V1701 and transferred to V1905.

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	100,000	-	-	-	-	\$ 100,000
CAPITAL RESERVES	309,376	-	309,376	\$ -	67,861	-	-	-	-	\$ 67,861
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	1	\$ -
OTHER (SPECIFY)	-	ı	-	\$ -	19,530	-	-	-	1	\$ 19,530
TOTAL:	\$ 309,376	\$ -	\$ 309,376	\$ -	\$ 187,391	\$ -	\$ -	\$ -	\$ -	\$ 187,391
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL	
OPERATING / MAINTAINING PROJECT OR AS	SET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	(536,100)	(536,100)	(536,100)	(536,100)	\$ (2,144,400)

NEWARK

PROJECT NO: V1703

PROJECT TITLE: Lot Countdown Signs

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020		2021	20	22	2023		20	)24	Tot	al 5 Year
New Funding:	\$	-	\$ 720	\$	-	\$	-	\$	-	\$	720
*Prior Authorized Balance:	\$	-	\$ 14,280	\$	-	\$	-	\$	-	\$	14,280
2020-2024 Funding:	\$	•	\$ 15,000	\$	-	\$	-	\$	-	\$	15,000

CAPITAL BUDGET - PROJECT DETAIL							
DEPARTMENT:	Planning & Development						
DIVISION:	Parking						
FUND:	Parking						
PROJECT LOCATION:	Hourly Off-Street Lots						
PROJECT PRIORITY:	1 - Highest Priority Level						
	erway and must be completed						
COMPREHENSIVE DEV	COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:						
	Sustainable Community						

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		2017
Est. Completion Date:		2021
Est. Useful Life (in years):		10
Est. Total Cost:	\$	15,000
Est. Spend @ 12/31/2019 (if underway):	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	15,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY								
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT					
Labor:		\$	-					
Materials:		\$	-					
Other Contracts:	5495406.9622	\$	15,000					
TOTAL PRO	DJECT COST	\$	15,000					

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Lot countdown signs have been installed at multiple entrances to Lots 1, 3, and 4, indicating to customers the accurate count of open spaces available in the lots, to increase customer convenience and reduce traffic congestion. These signs allow the customer to make an educated decision to which parking lot they enter to find parking, rather than pulling into and circling a lot that has no available parking spaces.

With the advice of City Council, the signs were installed in select locations. Occupancy can be reported to an online GIS map so that patrons with access to the internet can see the real-time occupancy of any pay-by-hour municipal parking lot before coming downtown. Upon recommendation from the Parking Subcommittee, this program should be extended to include major entrance points into the City of Newark into multi-lot countdown signs that shows availability in all parking lot options offered by the City.

Originally, the City wanted to work the University of Delaware on a collaborative countdown sign, but those plans are currently tabled. The division is requesting \$15,000 in 2021 as it continues to work with University of Delaware on a collaborative project for select locations, with suggestions from the parking consultation RFP.

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	12,000	1	-	\$ 12,000	1	15,000	-	-	-	\$ 15,000
CAPITAL RESERVES	2,280	ı	-	\$ 2,280	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	ı	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	ı	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	ı	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	ı	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	ı	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 14,280	\$ -	\$ -	\$ 14,280	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:			2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: VEQSF

PROJECT TITLE: Equipment Replacement Program

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance

2020-2024 Funding: \$

 2020
 2021
 2022
 2023
 2024
 Total 5 Year

 51,000
 \$
 \$
 \$
 40,000
 \$
 91,000

 \$
 \$
 \$
 \$

 51,000
 \$
 \$
 \$
 40,000
 \$
 91,000

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		Perpetual				
Est. Completion Date:		Perpetual				
Est. Useful Life (in years):		10				
Est. Total Cost:	\$	91,000				
Est. Spend @ 12/31/2019 (if underway):	\$	-				
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	91,000				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY					
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT		
Labor:		\$	-		
Materials:		\$	-		
Other Contracts:	5495426.9623	\$	91,000		
TOTAL PROJECT COST			91,000		

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	1	\$ -	1,149	1	1	1	15,543	\$ 16,692
CAPITAL RESERVES	-	-	-	\$ -	1	1	1	1	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	41,029	-	-	-	24,457	\$ 65,486
GRANTS Green Energy	-	-	-	\$ -	8,822	1	1	1	-	\$ 8,822
BOND ISSUES	-	-	-	\$ -	1	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	1	1	1	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	1	1	1	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 51,000	\$ -	\$ -	\$ -	\$ 40,000	\$ 91,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	T:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

# CITY OF NEWARK, DELAWARE VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024 PLANNING AND DEVELOPMENT DEPARTMENT, PARKING DIVISION

VEHICLE		PURCHASE	PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING		REP	LACE	MENT	COSTS		
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	2020	2021		2022	2023		2024
	STAFF VEHICLES															
1100	2017 Ford T150 Transit Cargo Van	09/14/16	26,687	8,126	55,000	10	2026	2026	26,687							
1101	2015 Ford T150 Transit Cargo Van	12/31/14	24,457	10,207	80,000	10	2024	2024	24,457							40,000
1102	2000 Ford Crown Victoria Sedan	08/11/00	19,851	48,954	65,000	12	2012	2020	19,851	21,000						
1103	2011 Ford Ranger Pickup Truck	03/09/12	21,178	98,448	80,000	8	2020	2020	21,178	30,000						
1104	2017 Ford Transit Connect	03/02/17	22,768	30,803	90,000	10	2027	2027	22,768							
TOTAL PARI	KING DIVISION					GROSS AC	QUISITION C	OST		\$ 51,000	\$	- \$	-	\$	- \$	40,000
						LESS: USE	OF CAPITAL	. RESERVES				-	-		-	-
			LESS: USE OF GRANT FUNDING						(8,822	)	-	-		-	-	
				LESS: USE OF CURRENT RESOURCES						(1,149	)	-	-		-	(15,543)
			NET EQUIPMENT SINKING FUND TOTAL \$							\$ 41,029	\$	- \$	-	\$	- \$	24,457

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(with current year amended budget)

## **GENERAL FUND - FINANCE DEPARTMENT - INFORMATION TECHNOLOGY DIVISION**

\*Prior Authorized Balance: 2020-2024 Funding:

**New Funding:** 

2020

32,500

									*Prior	Authorized Ba	ncludes 2019 ca	 funding only.				,
PROJECT NUMBER	PROJECT NAME	*	2019 BUDGI AS AMEN	ET	RESER\	20: /ES AND FUNDING	CUI	RRENT NDING		2020	2021	2022	2023	2024		TOTAL
11901	Sonicwall Firewall Replacement	D	\$ 58	8,000	\$	-	\$	-	\$	-	\$ -	\$ -	\$ -	\$ -	\$	=
11902	Tyler Technologies Modules (Contracts, Bid and Cash)	D	1	7,700		-		-		-	23,000	-	-	-		23,000
11801	Citywide Fiber Network (Phase II)	В		-		-		-		-	140,000	-	-	-		140,000
11804	Harris Automation Platform	D		-		-		-		-	75,000	75,000	-	-		150,000
11601	Virtual Environment Host Replacement	D		-		-		-		-	75,000	-	-	-		75,000
11603	Surveillance Camera Refresh	В	3	2,500		-		32,500		32,500	-	-	-	-		32,500
11606	Disaster Recovery and Planning	В		-							 75,000	 -	 -	 -		75,000
Total Ger	neral Fund - Information Technology Division		\$ 10	8,200	\$		\$	32,500	\$	32,500	\$ 388,000	\$ 75,000	\$ -	\$ -	\$	495,500
PLANNED	FINANCING SOURCES															
	GROSS CAPITAL IMPROVEMENTS		\$ 10	8,200	\$	-	\$	32,500	\$	32,500	\$ 388,000	\$ 75,000	\$ -	\$ -	\$	495,500
	LESS: USE OF RESERVES			-		-		-		-	-	-	-	-		-
	VEHICLE & EQUIPMENT REPLACEMENT			-		-		-		-	(117,000)	-	-	-		(117,000)
	GRANTS			-		-		-		-	=	-	-	-		-
	BOND ISSUES		(3:	2,500)		-		-		-	-	-	-	-		-
	OTHER FINANCING SOURCES					-				-	 -	 -	 -	 -	_	-
	NET CAPITAL IMPROVEMENTS		\$ 7	5,700	\$	=	\$	32,500	\$	32,500	\$ 271,000	\$ 75,000	\$ -	\$ -	\$	378,500

FUNDING

2022

2021

388,000

SUMMARY

2024

Total 5 Year

495,500

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other

PROJECT NO: 11902

PROJECT TITLE: **Tyler Technologies Modules** 

(Contracts, Bid and Cash)

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 23,000	\$ -	\$ -	\$ -	\$ 23,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 23,000	\$ -	\$ -	\$ -	\$ 23,000

CAPITAL BUDGET - PROJECT DETAIL								
DEPARTMENT:	Finance							
DIVISION:	Information Technology							
FUND:	General							
PROJECT LOCATION:	Municipal Building							
PROJECT PRIORITY:	4 - Medium							
This project is a NEED and not a WANT, but no significant risk in the deferral of this item								
COMPREHENSIVE DEV	FLOPMENT PLANNING VISION FLEMENT:							

Not Applicable

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2019
Est. Completion Date:	2021
Est. Useful Life (in years):	10
Est. Total Cost:	\$ 40,700
Est. Spend @ 12/31/2019 (if underway) :	\$ 17,700
% Complete (if underway):	43.5%
Balance to be funded¹:	\$ 23,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY											
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT								
Labor:		\$	-								
Materials:		\$	-								
Other Contracts:	3063006.9622	\$	23,000								
TOTAL PRO	DJECT COST	\$	23,000								

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Tyler Technologies Contracts Module supports the entire lifecycle of a contract from initiation to expiration. This program allows users to create and approve both annual and multi-year contracts for purchases and optionally encumber the appropriate funds in advance. Users are able to allocate contracts by account or account segment, as well as define milestones and key dates that trigger an optional Munis Dashboard alert that notifies the appropriate staff. Contract Management is fully integrated with general ledger, purchasing and accounts payable which allows users to track and withhold contract sliding scale retainage based off percentage complete and also provides the ability to track pending payments, open requisitions, purchase orders and contract change orders.

2021 Estimate: \$11,500.00 \*This module was advanced from 2019 to 2021.

Tyler Technologies Bid Module can create any number of bid catalogs. Bid catalogs can be initiated for yearly purchases of items or generated through the Munis requisition process. Individual departments can enter on-line requested quantities for item being put out to bid. Once the bid has been established notifications can be sent to vendors via e-mail. Vendors can either mail their bids to the requesting site or optionally enter their bid information using Munis Self-Service. Additional criteria in the form of custom RFP questions can also be attached to a Munis bid. From vendor responses, Munis determines the best vendor to award a bid to by individual bid line item. Awarded bids can be used to create Purchase Orders or converted into a Contract that can be purchased against for the term of the bid.

**2021 Estimate: \$11,500.00** \*This module was advanced from 2019 to 2021.

Tyler Technologies Cash Management Module will provide the Finance department with:

- Disbursement and check reconciliation functions from accounts payable and payroll
- A separate file for recording bank account transactions including pooled cash, investment detail files and debt detail files
- A tool for cash flow forecasting for any cash account or date range, which provides the option to integrate with accounting system transactions to provide a budget vs. actual cash flow file
- Bank Reconciliation, which reconciles Munis cash accounts (book balance) with their corresponding bank accounts (bank balance)

2019 Estimate: \$17,700.00

PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP		
CURRENT RESOURCES	17,700	-	17,700	\$ -	1	23,000	-	-	-	\$ 23,000		
CAPITAL RESERVES	-	-	-	\$ -	1	-	-	-	-	\$ -		
EQUIPMENT REPLACEMENT	-	-	-	\$ -	1	-	1	-	-	\$ -		
GRANTS (SPECIFY)	_	-	-	\$ -	-	-	-	-	-	\$ -		
BOND ISSUES	-	-	-	\$ -	1	-	1	-	-	\$ -		
STATE REVOLVING LOAN	1	-	-	\$ -	1	-	1	-	-	\$ -		
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -		
TOTAL:	\$ 17,700	\$ -	\$ 17,700	\$ -	\$ -	\$ 23,000	\$ -	\$ -	\$ -	\$ 23,000		
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:					2020	2021	2022	2023	2024	TOTAL		
OPERATING / MAINTAINING PROJECT OR A	AL COSTS (NET S	SAVINGS)	-	1,845	4,041	4,041	4,041	\$ 13,968				



PROJECT NO: 11801

**PROJECT TITLE:** Citywide Fiber Network (Phase II)

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020	2021	2022	2023	2024	Total 5 Year
New Funding:	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000
*Prior Authorized Balance:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020-2024 Funding:	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000

CAPITAL	CAPITAL BUDGET - PROJECT DETAIL								
DEPARTMENT:	Finance								
DIVISION:	Information Technology								
FUND:	General								
PROJECT LOCATION:	City-Wide								
PROJECT PRIORITY:	4 - Medium								
This project is a NEED and not	a WANT but no significant risk in the deferral of this item								

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	4
First Year in Program:		2018
Est. Completion Date:		2021
Est. Useful Life (in years):		10
Est. Total Cost:	\$	140,000
Est. Spend @ 12/31/2019 (if underway):	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	140,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY										
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT							
Labor:		\$	-							
Materials:		\$	-							
Other Contracts:	3063006.9622	\$	140,000							
TOTAL PRO	DJECT COST	\$	140,000							

<sup>&</sup>lt;sup>2</sup> 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 195, 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 2021 (\$140,000) - Extension of existing fiber network to 3 main areas:

South College Avenue towards 195 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 FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	140,000	-	-	-	\$ 140,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	ı	-	\$ -	-	1	1	1	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	1	1	-	\$ -
BOND ISSUES	-	ı	-	\$ -	-	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

NEWARK

PROJECT NO: 11804

PROJECT TITLE: Harris Automation Platform

PROJECT STATUS: In Progress (with end date)

<b>FUNDING SUMMARY:</b>	2020	2020 2021		2022		2023		20	2024		tal 5 Year
New Funding:	\$	- \$	75,000	\$	75,000	\$	1	\$	1	\$	150,000
*Prior Authorized Balance:	\$	- \$	-	\$	-	\$	1	\$	-	\$	-
2020-2024 Funding:	\$	- \$	75,000	\$	75,000	\$	-	\$	-	\$	150,000

	Charter § 806.1(2) <b>DESCRIPTION &amp; JUSTIFICATION</b> :
lorthStar land accociated applications	) is used for Utility Billing and Smart-Meter Utility M

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)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Finance				
DIVISION:	Information Technology				
FUND:	General				
PROJECT LOCATION:	Municipal Building				
PROJECT PRIORITY:	5 - Low				
	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:	\$ 150,000					
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$ -					
% Complete (if underway):	0.0%					
Balance to be funded¹:	\$ 150,000					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT				
Labor:		\$					
Materials:		\$	1				
Other Contracts:	3063006.9622	\$	150,000				
TOTAL PRO	\$	150,000					

<sup>&</sup>lt;sup>2</sup> 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."

				PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUN</b>	DS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES		-	-	-	\$ -	-	75,000	75,000	-	-	\$ 150,000
CAPITAL RESERVES		-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMEN	Т	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS	(SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES		-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN		-	1	-	\$ -	-	-	-	-	-	\$ -
OTHER	(SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 150,000
§ 806.1(4) ESTIN	MATED ANNUAL COST O	F	OPE	RATING IMPACT	ī:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAIN	TAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** 11601

**PROJECT TITLE: Virtual Environment Host Replacement** 

**FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

**Total 5 Year** 2023 75,000 75,000 2020-2024 Funding: \$ 75,000 75,000

2022

2024

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Finance				
DIVISION:	Information Technology				
FUND:	General				
PROJECT LOCATION:	Municipal Building				
PROJECT PRIORITY:	3 - Medium-High				
	a calculated risk in the deferral of this item				
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:					
Not Applicable					

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2016					
Est. Completion Date:	2021					
Est. Useful Life (in years):	5					
Est. Total Cost:	\$ 75,000					
Est. Spend @ 12/31/2019 (if underway):	\$ -					
% Complete (if underway):	0.0%					
Balance to be funded¹:	\$ 75,000					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT				
Labor:		\$	-				
Materials:	3063006.9622	\$	8,000				
Other Contracts:	3063026.9622	\$	67,000				
TOTAL PRO	\$	75,000					

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Long range forecast cost for replacement of Microsoft Hyper-V Virtualization Host (Server) Replacement. The City's virtualization environment is critical to maintaining 100+ physical and virtual servers running throughout the organization. These servers host applications such as Utility Billing and Smart Meter Applications, as well as file services, print services, document management and retention services and a myriad of other applications that impact operations.

Currently scheduled for 2021 (\$75,000)

Replacement for equipment purchased in 2016 (4 year replacement)

Server and Storage for IT Datacenters

This is an estimated cost and will be formally quoted during annual budget preparation in late 2019.

2020

			PROJECT FIN	ANCING BY PLA	N YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	8,000	-	-	-	\$ 8,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	67,000	1	-	-	\$ 67,000
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	1	1	-	\$ -
BOND ISSUES	-	ı	-	\$ -	-	ī	1	1	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	-	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: 11603

PROJECT TITLE: Surveillance Camera Refresh

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance:

2020-2024 Funding:

\$

 2020
 2021
 2022
 2023
 2024
 Total 5 Year

 \$ 32,500
 \$ - \$
 \$ - \$
 \$ - \$
 \$ 32,500

 \$ - \$
 \$ - \$
 \$ - \$
 \$ - \$

 \$ 32,500
 \$ - \$
 \$ - \$
 \$ 32,500

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Finance				
DIVISION:	Information Technology				
FUND:	General				
PROJECT LOCATION:	City-Wide				
PROJECT PRIORITY:	3 - Medium-High				
The City would be taking a calculated risk in the deferral of this item					
COMPREHENSIVE DEVI	ELOPMENT PLANNING VISION ELEMENT:				

**Healthy & Active Community** 

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2016					
Est. Completion Date:	2020					
Est. Useful Life (in years):	10					
Est. Total Cost:	\$ 110,593					
Est. Spend @ 12/31/2019 (if underway):	\$ 78,093					
% Complete (if underway):	70.6%					
Balance to be funded¹:	\$ 32,500					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY												
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT									
Labor:		\$	1									
Materials:		\$	1									
Other Contracts:	3063006.9622	\$	32,500									
TOTAL PRO	\$	32,500										

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

## Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

IMPACTED DEPARTMENT/DIVISION: Newark Police Department

The City of Newark surveillance cameras and network are showing their age. Most of the cameras are at least 8 years old and we are starting to see them fail with regularity. It is IT's recommendation that the cameras be replaced over a period between 5 and 6 years to ensure optimum functionality and savings on repair.

Project began in 2017 and expected completion in 2020

Replacing 5 traffic cameras per year (total of 30 cameras - 10 replaced in 2017)

Axis Q6045-C PTZ Dome 60Hz Network Camera

30 Cameras - \$123,000.00 + Installation - \$60,000.00 + OnSSI Licensing - \$12,000.00 = \$195,000.00 (Original Total Project Cost)

Originally when this project was budgeted the City had planned to outsource the installation. When the project began in 2017, we utilized City staff for installation resulting in savings of approximately \$13,000 the first year. Due to these savings, the City was able to replace 10 cameras per year as opposed to the 5 that was originally planned. No cameras were replaced in 2018, however in 2019 we replaced 10 cameras and plan to replace the remaining 10 cameras in 2020.

\*Please note, following the 2020 budgeted replacements, the cost of camera replacement will be in the operating budget.

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	32,500	-	-	-	-	\$ 32,500
CAPITAL RESERVES	45,593	-	45,593	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	_	ı	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	32,500	1	32,500	\$ -	-	1	-	-	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	1	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 78,093	\$ -	\$ 78,093	\$ -	\$ 32,500	\$ -	\$ -	\$ -	\$ -	\$ 32,500
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:						2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)						-	-	-	-	\$ -



**PROJECT NO: I1606** 

**PROJECT TITLE: Disaster Recovery and Planning**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

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

PROJECT STATUS: In Progress (with end date)

CAPITAL	. BUDGET - PROJECT DETAIL
DEPARTMENT:	Finance
DIVISION:	Information Technology
FUND:	General
PROJECT LOCATION:	Municipal Building
PROJECT PRIORITY:	3 - Medium-High
The City would be takin	g a calculated risk in the deferral of this item
COMPREHENSIVE DEV	FLOPMENT PLANNING VISION FLEMENT:

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2016
Est. Completion Date:	2021
Est. Useful Life (in years):	5
Est. Total Cost:	\$ 75,000
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 75,000

Not Applicable

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY											
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT								
Labor:		\$	-								
Materials:	3063006.9622	\$	25,000								
Other Contracts:	3063026.9622	\$	50,000								
TOTAL PRO	TOTAL PROJECT COST										

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Long range forecast cost for replacement of Disaster Planning, Recovery and Availability hardware within two City-owned data centers. These services are critical for ensuring resiliency in the event of a cyber attack, data loss, hardware failure or environmental or man-made disaster.

Currently scheduled for 2021 (\$75,000)

Replacement for equipment purchased in 2016 (4 year replacement)

Server and Storage for IT Datacenters

	PROJECT FINANCING BY PLAN YEAR												
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP			
CURRENT RESOURCES	-	-	-	\$ -	-	25,000	-	-	-	\$ 25,000			
CAPITAL RESERVES	-	-	-	\$ -	1	1	-	-	-	\$ -			
EQUIPMENT REPLACEMENT	-	-	-	\$ -	1	50,000	-	-	-	\$ 50,000			
GRANTS (SPECIFY)	-	-	-	\$ -	1	-	-	-	-	\$ -			
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -			
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -			
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -			
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000			
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:					2020	2021	2022	2023	2024	TOTAL			
OPERATING / MAINTAINING PROJECT OF	ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -			

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(with current year amended budget)

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

\*Prior Authorized Balance: 2020-2024 Funding:

**New Funding:** 

2020

				*Prior Authorized Balance includes 2019 carryover funding only.														
PROJECT NUMBER	PROJECT NAME	*	В	2019 UDGET MENDED	 RESERV OTHER F	ES AND	CU	 RRENT NDING	20	020	2	021		2022		2023	2024	ΓΟΤΑL
MEQSF	Equipment Replacement Program	В	\$	40,000	\$		\$	<u> </u>	\$		\$		\$	-	\$	-	\$ -	\$ 
Total Ma	intenance Fund - Fleet Maintenance Division		\$	40,000	\$		\$		\$	-	\$	-	\$	-	\$	-	\$ -	\$ -
PLANNED	FINANCING SOURCES																	
	GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES		\$	40,000 (22,195)	\$	-	\$	- -	\$	-	\$	-	\$	-	\$	<del>-</del> -	\$ <del>-</del> -	\$ -
	VEHICLE & EQUIPMENT REPLACEMENT GRANTS BOND ISSUES			(17,805) - -		- - -		-		- - -		- - -		- - -		-	- -	- - -
	OTHER FINANCING SOURCES			<del>-</del> _				<u> </u>		-		<u> </u>		-		-	 -	 
	NET CAPITAL IMPROVEMENTS		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -	\$ -

FUNDING

2022

2021

SUMMARY

2024

Total 5 Year

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



PROJECT NO: **MEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding:

\*Prior Authorized Balance

2022 2023 2024 **Total 5 Year** 2020 2021 2020-2024 Funding: \$

PROJECT STATUS: Reoccurring (with no end date)

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 DEV	ELOPMENT DI ANNING VISION ELEMENT								

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		Various
Est. Total Cost:	\$	40,000
Est. Spend @ 12/31/2019 (if underway):	\$	40,000
% Complete (if underway):		100.0%
Balance to be funded¹:	\$	-

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY												
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT									
Labor:		\$	-									
Materials:		\$	-									
Other Contracts:		\$	-									
TOTAL PRO	\$	-										

<sup>&</sup>lt;sup>2</sup> 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 page 157 for the Vehicle Replacement Program Schedule (2020-2024).

			PROJECT FIN	ANCING BY PLA	IN YEAR					
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	_	-	_	\$ -	-	1	-	-	-	\$ -
CAPITAL RESERVES	22,195	22,164	31	\$ -	-	1	-	-	-	\$ -
EQUIPMENT REPLACEMENT	17,805	17,805	_	\$ -	-	1	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -
BOND ISSUES	-	ı	-	\$ -	-	ī	-	-	-	\$ -
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 40,000	\$ 39,969	\$ 31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:						2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	-	-	-	-	-	\$ -				

(with current year amended budget)

## MAINTENANCE FUND - ADMINISTRATION DEPARTMENT - FACILITIES MAINTENANCE DIVISION

\*Prior Authorized Balance:

2020-2024 Funding:

**New Funding:** 

\*Prior Authorized Balance includes 2019 carryover funding only. 2019 --2020--PROJECT PROJECT **BUDGET RESERVES AND CURRENT** 2020 2021 2022 2023 2024 TOTAL NUMBER NAME AS AMENDED OTHER FUNDING **FUNDING** N2001 Ś 50,000 \$ \$ 50,000 City Hall - Electric Vehicle Charging Station Purchase and Installation В 50,000 \$ \$ 3,000 12,000 15,000 20,000 N2002 City Hall - Carpet Upgrades 3,000 50,000 City Building Roof Repair/Replacement В 65,000 50,000 20,000 N2003 70,000 City Hall - HVAC System Upgrades N1901 50,000 950,000 950,000 950,000 D N1801 Rear Concrete Deck and Stairs 50,000 120,000 120,000 120,000 N1803 **Exterior Paint and Powerwash** 33,000 33,000 225,000 N1806 FOC - Master Plan N1808 FOC - Buildings 1 and 2, Security Improvements 31,000 55,000 55,000 N1809 TRN - New Windows N1603 **GWC - HVAC System Upgrades** 105,000 105,000 105,000 105,000 NEQSF Equipment Replacement Program 35,000 35,000 **Total Maintenance Fund - Facilities Maintenance Division** 526,000 1,225,000 3,000 1,228,000 185,000 15,000 40,000 1,468,000 PLANNED FINANCING SOURCES **GROSS CAPITAL IMPROVEMENTS** \$ 526,000 1,225,000 \$ 3,000 1,228,000 \$ 185,000 15,000 40,000 \$ 1,468,000 LESS: USE OF RESERVES (20,804)(20,804)**VEHICLE & EQUIPMENT REPLACEMENT** (14, 196)(14, 196)GRANTS (15,000)(15,000)(55,000)(70,000)**BOND ISSUES** (275,000)(120,000)(120,000)(120,000)

3.000

(105,000)

146,000

(1,090,000)

OTHER FINANCING SOURCES

NET CAPITAL IMPROVEMENTS

15.000

40.000

F U N D I N G

2022

15,000

15,000

2021

185,000

185,000

2020

1,123,000

1,228,000

(1,090,000)

3.000

95.000

105,000

SUMMARY

40,000

40,000

2024

Total 5 Year

1,363,000

1,468,000

(1,090,000)

153.000

105,000

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



PROJECT NO: N2001

PROJECT TITLE: City Hall - Electric Vehicle Charging

**Station Purchase and Installation** 

PROJECT STATUS: New Project

<b>FUNDING SUMMARY:</b>		2020		2021	2022			2023		2024	Total 5 Year			
New Funding:	\$	50,000	\$		\$	-	\$	-	\$	-	\$	50,000		
*Prior Authorized Balance:	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
2020-2024 Funding:	\$	50,000	\$		\$		\$		\$		\$	50,000		

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:
ouncil advised City staff to begin replacing City vehicles with electric vehicles whenever possible moving f

Council advised City staff to begin replacing City vehicles with electric vehicles whenever possible moving forward, which will require the purchase and installation of electric vehicle charging stations throughout Newark.

To prepare for the City's roll out of electric vehicle charging stations at the Municipal Center, electrical lines will need to be run from a transformer at Rittenhouse Station to the Municipal Center parking lot. The wiring should allow for expedited station installation in the future if desired as well. Additional wiring will need to done at Lot 1 as well, which will also allow for greater station implementation in the future. The following estimations are for the preparation, purchasing, and installation of two charging stations at the Municipal Center and one station at Lot 1:

\$10,000: Wiring/other preparation work

\$40,000: Purchase and installation (currently based on ChargePoint's quote; other vendors may be significantly less)

The "grants" for this project would come in the form of a \$5,000/charging station rebate from DNREC: https://dnrec.alpha.delaware.gov/climate-coastal-energy/clean-transportation/ev-charging-equipment-rebates/

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Administration					
DIVISION:	Facilities Maintenance					
FUND:	Maintenance					
PROJECT LOCATION:	City Municipal Building					
PROJECT PRIORITY:	3 - Medium-High					
The City would be taking a calculated risk in the deferral of this item						
COMPREHENSIVE DEVE	COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:					

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2020					
Est. Completion Date:	2020					
Est. Useful Life (in years):	7					
Est. Total Cost:	\$ 50,000					
Est. Spend @ 12/31/2019 (if underway)¹:	\$ -					
% Complete (if underway):	0.0%					
Balance to be funded¹:	\$ 50,000					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT				
Labor:	6006016.9621	\$	15,000				
Materials:	6006016.9621	\$	35,000				
Other Contracts:		\$	1				
TOTAL PRO	DJECT COST	\$	50,000				

<sup>&</sup>lt;sup>2</sup> 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."

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS DNREC	-	ı	_	\$ -	15,000	-	-	-	-	\$ 15,000
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	ı	_	\$ -	-	-	-	-	-	\$ -
OTHER Green Energy Fund	-	1	_	\$ -	35,000	1	-	-	-	\$ 35,000
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



**PROJECT NO:** N2002

**PROJECT TITLE: City Hall - Carpet Upgrades**  **FUNDING SUMMARY:** New Funding:

\*Prior Authorized Balance

2020 2021 2022 2023 2024 **Total 5 Year** 3,000 12,000 20,000 50,000 15,000 3,000 \$ 20,000 \$ 50.000 2020-2024 Funding: \$ 12,000 15,000

PROJECT STATUS: New Project

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Administration				
DIVISION:	Facilities Maintenance				
FUND:	Maintenance				
PROJECT LOCATION:	City Municipal Building & Parking Office				
PROJECT PRIORITY:	4 - Medium				

This project is a NEED and not a WANT, but no significant risk in the deferral of this item COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2020				
Est. Completion Date:		2023				
Est. Useful Life (in years):		25				
Est. Total Cost:	\$	50,000				
Est. Spend @ 12/31/2019 (if underway)¹:	\$					
% Complete (if underway):		0.0%				
Balance to be funded¹:	\$	50,000				

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT				
Labor:	6006016.9621	\$	20,000				
Materials:	6006016.9621	\$	30,000				
Other Contracts:		\$	-				
TOTAL PRO	JECT COST	\$	50,000				

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Much of the carpeting at City Municipal Center and the Parking Office downtown is in need of replacement. Since carpeting in areas frequently visited by the public are a priority over lesser seen spaces in Municipal offices, the following phases outline the best way to proceed:

Phase 1 (2020): Parking Office - Estimate \$3,000

Phase 2 (2021): 1st-floor of City Hall - Estimate \$12,000\*

Phase 3 (2022): 2nd-floor of City Hall - Estimate \$15,000

Phase 4 (2023): Newark Police Department - Estimate \$20,000

\*Excludes Inspectors' area (fairly new carpeting) and City Council Chambers (previously included in capital project N1702) that was removed from the budget per council in 2019.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	3,000	12,000	15,000	20,000	-	\$ 50,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	1	-	\$ -
OTHER (SPECIFY)	-	ı	-	\$ -	-	-	-	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 12,000	\$ 15,000	\$ 20,000	\$ -	\$ 50,000
§ 806.1(4) ESTIMATED ANNUAL COST O			RATING IMPACT		2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	Ş -



Balance to be funded1:

PROJECT NO: N2003

**PROJECT TITLE:** City Building Roof Repair/Replacement

**FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

50,000 20,000 70,000 2020-2024 Funding: \$ 50.000 20.000 70.000

2023

2024

**Total 5 Year** 

2022

PROJECT STATUS: New Project

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Administration				
DIVISION:	Facilities Maintenance				
FUND:	Maintenance				
PROJECT LOCATION:	Municipal Center, GWC, and FOC				
PROJECT PRIORITY:	2 - High Priority Level				
Critical need to remediate failing service, prevent failure, or generate savings					
COMPREHENSIVE DEV	ELOPMENT PLANNING VISION ELEMENT:				

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:		2020				
Est. Completion Date:		2023				
Est. Useful Life (in years):		5				
Est. Total Cost:	\$	70,000				
Est. Spend @ 12/31/2019 (if underway):	\$	-				
% Complete (if underway):		0.0%				

Sustainable Community

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY						
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT			
Labor:						
Materials:						
Other Contracts:	6006016.9621	\$	70,000			
TOTAL PRO	DJECT COST	\$	70,000			

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

On August 14, 2019, American Partner Technologies, LLC (AMPT) submitted a comprehensive roof survey report. In this report were the following recommendations to alleviate the roofing issues the City's flat roofed buildings experience:

2020

#### Municipal Center:

Roof Area A (City Hall): Recommendation is to repair (\$4,405) versus replace (\$405,120) - 2020 Roof Area B & H (Atrium and rear building connection): Recommendation is to replace (\$47,145) - 2021 Roof Areas C, D, F, & G (PD): Recommendation is to repair (\$26,465) versus replace (\$301,500) - 2020 Roof Area E (rear portion of PD): Recommendation is to repair (\$1,250) versus replace (\$37,560) - 2020

#### GWC:

Roof: Recommendation is to repair (\$15,325) versus replace (\$165,000) - 2020

Tin Panel Self: Recommendation is to replace (\$17,000) -2023

#### Yard Building #1:

Roof Areas A, B, & C: Recommendation is to repair (\$12,765) versus replace (\$289,000) - 2020

Total (based on AMPT recommendations): \$124,355

Repairs: \$60,210 (2020)

Replacements: \$64,145 (\$47,145 in 2021; \$17,000 in 2023)

An extra \$3,280 is quoted for repairs of Municipal Center Area B & H (2020), which could extend the useful life of the roof beyond 2021 when replacement is planned.

Recommended Timeline: 2020: All repairs completed; 2021: Replacement of Muncipal Center Area B & H (if alleviation from repairs is Insufficient); 2023: Remaining replacements completed

- \*All repairs are quoted as if they were done together. Breaking up these repairs will result in higher costs.
- \*\*Total roof replacement will be necessary in the near future. The 2020 repairs will likely extend the roofs' useful lives past 2024.

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



**PROJECT NO:** N1901

PROJECT TITLE: **City Hall - HVAC System Upgrades**  **FUNDING SUMMARY: New Funding** \*Prior Authorized Balance:

2020 2022 2023 2024 **Total 5 Year** 2021 950,000 950,000 950,000 \$ 950.000 2020-2024 Funding: \$

PROJECT STATUS: New Project

**Healthy & Active Community** 

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Administration					
DIVISION:	Facilities Maintenance					
FUND:	Maintenance					
PROJECT LOCATION:	Municipal Building					
PROJECT PRIORITY:	2 - High Priority Level					
Critical need to remediate failing service, prevent failure, or generate savings						
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:						

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		2019						
Est. Completion Date:		2020						
Est. Useful Life (in years):		20						
Est. Total Cost:	\$	1,000,000						
Est. Spend @ 12/31/2019 (if underway):	\$	50,000						
% Complete (if underway):		5.0%						
Balance to be funded :	\$	950.000						

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter

PROJECT COST BY CATEGORY									
CLASSIFICATION		AMOUNT							
Labor:		\$	-						
Materials:		\$	-						
Other Contracts:	6006016.9621	\$	950,000						
TOTAL PRO	\$	950,000							

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

This project covers the replacement of the existing HVAC system at the City Municipal Building and Newark Police Department Buildings. These units are very 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.

## Funding Schedule:

2019: \$50.000

-The funds allocated in 2019 are for the planning and designing of the HVAC system replacement.

2020: \$950,000

-The funds allocated in 2020 are for implementation of the 2019 plan and the construction costs related.

It is our goal to perform this work via an energy performance contract through an energy service company (ESCO)

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	50,000	-	50,000	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	_	_	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	1	-	-	\$ -	1	-	-	-	-	\$ -
BOND ISSUES	1	1	-	\$ -	1	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER ESCO	1	1	-	\$ -	950,000	-	-	-	-	\$ 950,000
TOTAL:	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:						2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)						_	-	-	-	\$ -

**PROJECT NO:** N1801

**PROJECT TITLE: Rear Concrete Deck and Stairs**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2023 2024 **Total 5 Year** 2020 2021 2022 120,000 120,000 120,000 \$ 120.000 2020-2024 Funding: \$

PROJECT STATUS: In Progress (with end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:	2018							
Est. Completion Date:	2020							
Est. Useful Life (in years):	25+							
Est. Total Cost:	\$ 220,000							
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$ 100,000							
% Complete (if underway):	45.5%							
Balance to be funded¹:	\$ 120,000							

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY									
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT						
Labor:		\$	-						
Materials:		\$	-						
Other Contracts:	6006016.9621	\$	120,000						
TOTAL PRO	\$	120,000							

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

The rear concrete stairs at City Hall/NPD are in need of replacement. The concrete has deteriorated and employees have suffered injuries due to the uneveness of the stairs. Also, the metal support structure beneath the concrete catwalk has disintegrated due to rust. Currently nothing is supporting the concrete, which could cause the structure to crumble and fall. This project would repair and replace the impacted areas. This is a project to improve safety.

Project spun out of CIP N1601 that included multiple building repairs, including the concrete stairs. This has been broken out for transparency and project tracking purposes.

\*\*Please note, an additional \$50,000 in bond funding was recommended and approved on 4/22/2019 bringing the total bond funding to \$100,000.

PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19  Estimated Expenditures 04/01/19 - 12/31/19		Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	1	-	\$ -	-	1	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	-	\$ -	-	1	-	-	-	\$ -
BOND ISSUES	100,000	1	100,000	\$ -	120,000	1	-	-	-	\$ 120,000
STATE REVOLVING LOAN	-	1	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
§ 806.1(4) ESTIMATED ANNUAL COST O	§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:						2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)						-	-	-	-	\$ -

NEWARK

PROJECT NO: N1803

PROJECT TITLE: Exterior Paint and Powerwash

Prior Authorized Balance: 2020-2024 Funding:

2020	2021		2022		2023		2024		Total 5 Year	
\$ -	\$	33,000	\$	-	\$	1	\$	-	\$	33,000
\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
\$	\$	33,000	\$	-	\$	-	\$	-	\$	33,000

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL						
DEPARTMENT:	Administration					
DIVISION:	Facilities Maintenance					
FUND:	Maintenance					
PROJECT LOCATION:	Municipal Building and Police Station					
PROJECT PRIORITY:	3 - Medium-High					
The City would be taking	g a calculated risk in the deferral of this item					
COMPREHENSIVE DEV	FLOPMENT PLANNING VISION FLEMENT:					

§ 806.1(3) SUMMARY OF PROJECT DATA								
First Year in Program:		2018						
Est. Completion Date:		2021						
Est. Useful Life (in years):		10						
Est. Total Cost:	\$	33,000						
Est. Spend @ 12/31/2019 (if underway):	\$	-						
% Complete (if underway):		0.0%						
Balance to be funded¹:	\$	33,000						

Not Applicable

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT				
Labor:		\$	-				
Materials:		\$	-				
Other Contracts:	6006016.9621	\$	33,000				
TOTAL PRO	\$	33,000					

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

City Hall and NPD buildings are in need of a thorough cleaning and painting of the metal cornice surround at the top of each building. These projects constitute a need to maintain our existing building, and are not considered upgrades or consmetic improvements. In years past, these types of projects were disregarded due to cost and budget, however time has caught up with us and the brick is in need of a cleaning and rusted metal is in need of protective paint.

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	1	-	\$ -	-	33,000	-	-	-	\$ 33,000
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	ı	-	\$ -	-	1	-	-	-	\$ -
BOND ISSUES	-	1	-	\$ -	-	1	-	-	-	\$ -
STATE REVOLVING LOAN	-	ı	-	\$ -	-	1	-	-	-	\$ -
OTHER (SPECIFY)	-	1	-	\$ -	-	1	1	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ 33,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR AS	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

NEWARK

PROJECT NO: N1809

PROJECT TITLE: TRN - New Windows

FUNDING SUMMARY:

New Funding:

\*Prior Authorized Balance:
2020-2024 Funding:

_	2020	2021	2022	2023	2024	1	otal 5 Year
ıg:	\$ -	\$ 55,000	\$ -	\$	\$	\$	55,000
e:	\$ -	\$ -	\$	\$ -	\$ -	\$	-
ıg:	\$ -	\$ 55,000	\$	\$	\$	\$	55,000

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Administration				
DIVISION:	Facilities Maintenance				
FUND:	Maintenance				
PROJECT LOCATION:	Newark Train Station				
PROJECT PRIORITY:	4 - Medium				
This project is a NEED and not a WANT, but no significant risk in the deferral of this item					
	EL ODA AENIT DI ANIMINIO I VICIONI EL EN AENIT				

This project is a NEED and not a WANT, but no significant risk in the deterral of this term
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:
Not Applicable
§ 806.1(3) SUMMARY OF PROJECT DATA

§ 806.1(3) SUMMARY OF PROJECT DATA						
First Year in Program:	2018					
Est. Completion Date:	2021					
Est. Useful Life (in years):	10					
Est. Total Cost:	\$ 55,000					
Est. Spend @ 12/31/2019 (if underway) :	\$ -					
% Complete (if underway):	0.0%					
Balance to be funded¹:	\$ 55,000					

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY						
CLASSIFICATION		AMOUNT				
Labor:		\$	-			
Materials:		\$	-			
Other Contracts:	6006016.9621	\$	55,000			
TOTAL PRO	\$	55,000				

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

Train Station windows are in desperate need of replacement. They are falling apart due to age. This is a safety issue as they have the potential to actually fall out of the wall. Beyond this, they are energy inefficient year round and do not open properly when used.

Looking to secure grant-funding for this project for 2021.

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	1	1	1	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	_	\$ -	-	1	1	1	-	\$ -
GRANTS TBD	-	-	-	\$ -	-	55,000	1	-	-	\$ 55,000
BOND ISSUES	-	-	_	\$ -	-	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	1	1	1	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	1	1	1	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -



PROJECT NO: N1603

PROJECT TITLE: **GWC - HVAC System Upgrades**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

2020-2024 Funding

	2020	2021	2022	2023	2024	To	otal 5 Year
3:	\$ -	\$ -	\$	\$ 1	\$ -	\$	-
e:	\$ 105,000	\$ -	\$ -	\$ 1	\$ -	\$	105,000
3:	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$	105,000

PROJECT STATUS: In Progress (with end date)

CAPITAL BUDGET - PROJECT DETAIL					
DEPARTMENT:	Administration				
DIVISION:	Facilities Maintenance				
FUND:	Maintenance				
PROJECT LOCATION:	George Wilson Center				
PROJECT PRIORITY:	4 - Medium				
This project is a NEED and not	a WANT, but no significant risk in the deferral of this item				

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA
First Year in Program:	2016
Est. Completion Date:	2020
Est. Useful Life (in years):	20
Est. Total Cost:	\$ 105,000
Est. Spend @ 12/31/2019 (if underway):	\$ -
% Complete (if underway):	0.0%
Balance to be funded¹:	\$ 105,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY							
CLASSIFICATION	ACCOUNT NUMBER		AMOUNT				
Labor:	6006016.9621	\$	5,000				
Materials:	6006016.9621	\$	50,000				
Other Contracts:	6006016.9621	\$	50,000				
TOTAL PRO	\$	105,000					

<sup>&</sup>lt;sup>2</sup> 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."

The existing HVAC system at the George Wilson Center utilizes electric baseboard heat and individual wall unit air conditioners. The air conditioners are old and leak, and need to be shut off at night to minimize damage from leakage. Facilities Management staff brought in several different HVAC contractors to assess the situation and all agree that upgrading to a combined single heat and air conditioning system

Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

will provide greatly improved efficiency and reduce overall heating and air conditioning costs for the Center, as well as improve the overall appearance of the building. Estimated costs include a combined heat and air conditioning system, (heat pump option at \$89,400), filling in 7 A/C holes currently cut into the building (\$5,480); and painting (\$2,000) and site work/trash disposal (\$2,000) which will be done in house.

Increased costs of \$6,120 are due to increases within the vendor contract quote from 2017.

It is anticipated that this upgrade will result in ongoing operational savings, which will be determined by the end of year 2020.

			N YEAR							
§ 806.1(3) <b>SOURCE OF FUNDS:</b>	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Estimated Expenditures 04/01/19 - 12/31/19	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	-	-	-	-	-	\$ -
CAPITAL RESERVES	_	-	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	_	\$ -	-	-	-	-	-	\$ -
GRANTS (SPECIFY)	-	-	_	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER DEMEC/CAC	105,000	-		\$ 105,000	105,000	-	-	-	-	\$ 105,000
TOTAL:	\$ 105,000	\$ -	\$ -	\$ 105,000	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
§ 806.1(4) ESTIMATED ANNUAL COST OF	=	OPE	:	2020	2021	2022	2023	2024	TOTAL	
OPERATING / MAINTAINING PROJECT OR AS	OPERATING / MAINTAINING PROJECT OR ASSET INCREMENTAL COSTS (NET SAVINGS)								-	\$ -

2022



PROJECT NO: **NEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding:

\*Prior Authorized Balance

2021 2020 35,000 35,000 2020-2024 Funding: \$

35,000 35,000

2024

**Total 5 Year** 

2023

PROJECT STATUS: Reoccurring (with no end date)

CAPITAL	CAPITAL BUDGET - PROJECT DETAIL										
DEPARTMENT:	Administration										
DIVISION:	Facilities Maintenance										
FUND:	Maintenance										
PROJECT LOCATION:	Various										
PROJECT PRIORITY:	1 - Highest Priority Level										

Project underway and must be completed
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:

Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		Various
Est. Total Cost:	\$	35,000
Est. Spend @ 12/31/2019 (if underway) <sup>1</sup> :	\$	-
% Complete (if underway):		0.0%
Balance to be funded¹:	\$	35,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY											
CLASSIFICATION		AMOUNT									
Labor:		\$	-								
Materials:		\$	-								
Other Contracts:	6006016.9623	\$	35,000								
TOTAL PRO	\$	35,000									

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

## Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

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

			IN YEAR							
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	1	1	-	-	-	\$ -
CAPITAL RESERVES	-	-	-	\$ -	1	20,804	-	-	-	\$ 20,804
EQUIPMENT REPLACEMENT	-	-	-	\$ -	1	14,196	-	-	-	\$ 14,196
GRANTS (SPECIFY)	1	-	-	\$ -	1	1	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	1	1	-	-	-	\$ -
STATE REVOLVING LOAN	1	-	-	\$ -	1	1	-	-	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
§ 806.1(4) ESTIMATED ANNUAL COST O	T:	2020	2021	2022	2023	2024	TOTAL			
OPERATING / MAINTAINING PROJECT OR A	OPERATING / MAINTAINING PROJECT OR ASSET INCRE					-	-	-	-	\$ -

# CITY OF NEWARK, DELAWARE VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024 MAINTENANCE FUND (FLEET MAINTENANCE AND FACILITIES MAINTENANCE DIVISIONS)

VEHICLE		PURCHASE	PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING		F	REPLA	CEME	NT C	оѕтѕ	
NUMBER	DESCRIPTION	DATE	PRICE	7/31/2019	AT REPL	LIFE	YEAR	YEAR	FUND BASIS	2020		2021	2022	!	2023	2024
FI FFT MAIN	NTENANCE DIVISION:															
650	2019 Ford F350 Dual Wheel 4X2	08/29/19	39,969		89,000	10	2029	2029	39,969							
652	2016 Ford F350 Super Duty Pickup Truck	11/05/15	35,388	15,003	75,000	10	2026	2026	35,388							
TOTAL FLEE	T MAINTENANCE DIVISION									-						
	MAINTENANCE DIVISION:	07/00/04				4.0										
841 842	2004 Ford E250 Van 2016 Ford F250 Pickup Truck 4x4	07/08/04 01/22/16	14,196 23,535	64,955 9,135	64,000 70,000	12 12	2016 2028	2021 2028	14,196 23,535			35,000				
TOTAL FACI	ILITIES MAINTENANCE DIVISION	.,,,	,,,,,	.,	,,,,,				,,,,,,	-	_	35,000			-	
TOTAL MAI	NTENANCE FUND					GROSS AC	QUISITION C	OST		\$ -	\$	35,000	\$	- \$	-	\$ -
							OF CAPITA			-		(20,804)		-	-	
							OF CURREN			-		-		-	-	
						NET EQUIP	MENT SINK	ING FUND 1	UIAL	<b>&gt;</b> -	\$	14,196	Ş	- \$	-	\$ -

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(with current year amended budget)

## GENERAL FUND - PLANNING AND DEVELOPMENT DEPARTMENT - CODE ENFORCEMENT DIVISION

\*Prior Authorized Balance:

**New Funding:** 

2020

20,000

							202	0-2024 Funding:		20,000 Authorized Bal	\$ ance in	<b>50,000</b> ncludes 2019 car	\$ ryover	funding only.	\$ -	\$ -	\$ 70,000
PROJECT NUMBER	PROJECT NAME	*	Вι	2019 UDGET .MENDED	RESE	20 RVES AND R FUNDING	Cl	JRRENT JNDING	;	2020		2021		2022	2023	2024	TOTAL
BEQSF	Equipment Replacement Program	В	\$	25,000	\$	16,148	\$	3,852	\$	20,000	\$	50,000	\$		\$ -	\$ -	\$ 70,000
Total Gen	eral Fund - Code Enforcement Division		\$	25,000	\$	16,148	\$	3,852	\$	20,000	\$	50,000	\$	-	\$ -	\$ -	\$ 70,000
PLANNED I	FINANCING SOURCES																
	GROSS CAPITAL IMPROVEMENTS		\$	25,000	\$	16,148	\$	3,852	\$	20,000	\$	50,000	\$	=	\$ -	\$ -	\$ 70,000
	LESS: USE OF RESERVES  VEHICLE & EQUIPMENT REPLACEMENT			(6,186) (18,814)		- (16,148)		-		- (16,148)		- (32,914)		-	-	-	- (49,062)
	GRANTS			-		-		-		-		-		-	-	-	-
	BOND ISSUES			-		-		-		-		-		-	-	-	-
	OTHER FINANCING SOURCES			-	_	-		<del></del> -		-		-			 -	 -	 -
	NET CAPITAL IMPROVEMENTS		\$	-	\$	_	\$	3,852	\$	3,852	\$	17,086	\$		\$ -	\$ -	\$ 20,938

FUNDING

2022

2021

50,000

SUMMARY

2024

Total 5 Year

2023

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other

50,000

2022



PROJECT NO: **BEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding:

\*Prior Authorized Balance

2020-2024 Funding: \$

2020 2021 20,000 50,000 2023 2024 **Total 5 Year** 70,000 70,000

PROJECT STATUS: Reoccurring (with no end date)

20,000 \$ Charter § 806.1(2) **DESCRIPTION & JUSTIFICATION**:

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

Please reference the supporting documentation on page 165 for the Vehicle Replacement Program Schedule (2020-2024).

CAPITAL	BUDGET - PROJECT DETAIL							
DEPARTMENT:	Planning & Development							
DIVISION:	Code Enforcement							
FUND:	General							
PROJECT LOCATION:	Various							
PROJECT PRIORITY:	1 - Highest Priority Level							
Project und	erway 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:	\$	117,020
Est. Spend @ 12/31/2019 (if underway):	\$	47,020
% Complete (if underway):		40.2%
Balance to be funded¹:	\$	70,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY												
CLASSIFICATION		AMOUNT										
Labor:		\$	-									
Materials:		\$	-									
Other Contracts:	3063026.9623	\$	70,000									
TOTAL PRO	\$	70,000										

<sup>&</sup>lt;sup>2</sup> 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."

			PROJECT FIN	ANCING BY PLA	AN YEAR					
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures Authorized		2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-		_	\$ -	3,852	17,086	1	-	-	\$ 20,938
CAPITAL RESERVES	6,186	6,186	-	\$ -	-	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	40,834	40,834	-	\$ -	16,148	32,914	1	-	1	\$ 49,062
GRANTS (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
BOND ISSUES	-	-	-	\$ -	-	-	1	-	1	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER (SPECIFY)	-	_	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ 47,020	\$ 47,020	\$ -	\$ -	\$ 20,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 70,000
§ 806.1(4) ESTIMATED ANNUAL (	:	2020	2021	2022	2023	2024	TOTAL			
OPERATING / MAINTAINING PROJECT	T OR ASSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

(with current year amended budget)

## **GENERAL FUND - FINANCE DEPARTMENT**

\*Prior Authorized Balance:

**New Funding:** 

2020

							2020	0-2024 Funding		- Authorized Ba	\$ alance i	- ncludes 2019 c	\$ arryove	r funding only.	\$ 35,000	\$ -	\$ 35,000
PROJECT NUMBER	PROJECT NAME	*	В	2019 SUDGET AMENDED	RESER	20 /ES AND FUNDING	CU	 IRRENT INDING	2	2020		2021		2022	2023	2024	TOTAL
FEQSF	Equipment Replacement Program	В	\$		\$		\$		\$	-	\$	-	\$	-	\$ 35,000	\$ -	\$ 35,000
Total Ge	neral Fund - Finance Department		\$	<u> </u>	\$	-	\$		\$	-	\$	-	\$	-	\$ 35,000	\$ -	\$ 35,000
PLANNED	FINANCING SOURCES																
	GROSS CAPITAL IMPROVEMENTS LESS: USE OF RESERVES		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 35,000	\$ -	\$ 35,000
	VEHICLE & EQUIPMENT REPLACEMENT GRANTS			-		-		-		-		-		-	(12,369)	-	(12,369)
	BOND ISSUES OTHER FINANCING SOURCES			-		-		-		-		-		-	-	-	-
	NET CAPITAL IMPROVEMENTS		\$		\$	-	\$		\$	-	\$	-	\$	-	\$ 22,631	\$ -	\$ 22,631

FUNDING

2022

2021

 $\mathsf{S} \mathsf{U} \mathsf{M} \mathsf{M} \mathsf{A} \mathsf{R} \mathsf{Y}$ 

35,000

2024

2023

Total 5 Year

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



PROJECT NO: **FEQSF** 

**PROJECT TITLE: Equipment Replacement Program**  **FUNDING SUMMARY:** New Funding: \*Prior Authorized Balance

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

PROJECT STATUS: Reoccurring (with no end date)

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

§ 806.1(3) SUMMARY OF PROJECT DATA									
First Year in Program:		Perpetual							
Est. Completion Date:		Perpetual							
Est. Useful Life (in years):		Various							
Est. Total Cost:	\$	35,000							
Est. Spend @ 12/31/2019 (if underway):	\$	1							
% Complete (if underway):		0.0%							
Balance to be funded¹:	\$	35,000							

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY										
CLASSIFICATION	AMOUNT									
Labor:		\$	-							
Materials:		\$	-							
Other Contracts:	0111106.9623	\$	35,000							
TOTAL PRO	DJECT COST	\$	35,000							

<sup>&</sup>lt;sup>2</sup> 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 page 165 for the Vehicle Replacement Program Schedule (2020-2024).

	PROJECT FINANCING BY PLAN YEAR									
§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	1	1	1	22,631	-	\$ 22,631
CAPITAL RESERVES	-	-	-	\$ -	1	-	-	-	-	\$ -
EQUIPMENT REPLACEMENT	-	-	-	\$ -	1	1	1	12,369	-	\$ 12,369
GRANTS (SPECIFY)	-	-	-	\$ -	1	1	1	1	-	\$ -
BOND ISSUES	-	-	-	\$ -	1	1	1	1	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	1	1	1	1	-	\$ -
OTHER (SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
§ 806.1(4) ESTIMATED ANNUAL COST O	F	OPE	RATING IMPACT	T:	2020	2021	2022	2023	2024	TOTAL
OPERATING / MAINTAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	-	\$ -

(with current year amended budget)

## **UNICITY TRANSPORTATION FUND - PLANNING AND DEVELOPMENT DEPARTMENT**

\*Prior Authorized Balance:

**New Funding:** 

						2020-20	24 Funding	- Authorized B	\$ alance i	<b>130,000</b> ncludes 2019 ca	\$ rryove	r funding only.	\$ -	\$ 150,000	\$ 280,000
PROJECT PROJECT NUMBER NAME	,	* 4	2019 BUDGET AS AMENDED	RESERV	20 ES AND UNDING	20 CURR FUND	ENT	2020		2021		2022	2023	2024	TOTAL
UEQSF Equipment Replaceme	nt Program	) <u>\$</u>	130,000	\$		\$		\$ -	\$	130,000	\$	-	\$ -	\$ 150,000	\$ 280,000
Total Unicity Transportation Fund	1	\$	130,000	\$	-	\$	-	\$ -	\$	130,000	\$	-	\$ -	\$ 150,000	\$ 280,000
PLANNED FINANCING SOURCES															
GROSS CAPITAL IMPF LESS: USE OF RESERV VEHICLE & EQU		\$	130,000 (15,927)	\$	- - -	\$	-	\$ - - -	\$	130,000 (15,927)	\$	- - -	\$ - - -	\$ 150,000 (35,927)	\$ 280,000 (51,854)
GRANTS BOND ISSUES OTHER FINANC			(114,073)		- -		-	- - -		(114,073) - -		- -	-	(114,073) - -	(228,146) - -
NET CAPITAL IMPROV		\$	<del></del>	\$	-	\$	<u> </u>	\$ -	\$	<u> </u>	\$	<u> </u>	\$ -	\$ <u> </u>	\$ <u> </u>

FUNDING

2022

2021

130,000

2020

SUMMARY

2023

2024

150,000

Total 5 Year

280,000

<sup>\*</sup> Justification Codes:

A - Return on Investment

B - Public Safety

C - Community Health

D - Efficiency/Other



**PROJECT NO: UEQSF PROJECT TITLE:** 

**Equipment Replacement Program** 

**FUNDING SUMMARY:** New Funding:

2022 2023 2020 2021 130,000

\*Prior Authorized Balance 2020-2024 Funding: \$

280,000 150,000 130,000 150,000 280.000

2024

**Total 5 Year** 

**CAPITAL BUDGET - PROJECT DETAIL** DEPARTMENT: Planning & Development **Unicity Transportation Fund** 

PROJECT STATUS: Reoccurring (with no end date)

DIVISION: FUND: **Unicity Transportation Fund** 

PROJECT LOCATION: Various

PROJECT PRIORITY: 1 - Highest Priority Level

Project underway and must be completed

COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT: Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT	DATA	
First Year in Program:		Perpetual
Est. Completion Date:		Perpetual
Est. Useful Life (in years):		Various
Est. Total Cost:	\$	410,000
Est. Spend @ 12/31/2019 (if underway):	\$	130,000
% Complete (if underway):		31.7%
Balance to be funded¹:	\$	280,000

<sup>&</sup>lt;sup>1</sup> For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY									
CLASSIFICATION		AMOUNT							
Labor:		\$	-						
Materials:		\$	-						
Other Contracts:	1591506.9623	\$	280,000						
TOTAL PRO	DJECT COST	\$	280,000						

<sup>&</sup>lt;sup>2</sup> 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	) DESCRIPT	ION & JUST	IFICATION:
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Planned advance funding accumulated through depreciation to replace essential equipment when necessary.

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

	PROJECT FINANCING BY PLAN YEAR										
§ 806.1(3) <b>SOURCE OF FUN</b>	IDS:	Prior Authorized <sup>2</sup>	Actual Funds Utilized as of 03/31/19	Expenditures	Estimated Authorized Balance <sup>2</sup> 12/31/19	2020	2021	2022	2023	2024	TOTAL 5 Year CIP
CURRENT RESOURCES		-	-	-	\$ -	1	1	1	-	-	\$ -
CAPITAL RESERVES		15,927	5,948	9,979	\$ -	-	15,927	-	-	35,927	\$ 51,854
EQUIPMENT REPLACEMEN	IT	-	-	-	\$ -	1	1	1	1	-	\$ -
GRANTS	(SPECIFY)	114,073	114,073	-	\$ -	1	114,073	-	-	114,073	\$ 228,146
BOND ISSUES		-	-	-	\$ -	1	1	1	1	-	\$ -
STATE REVOLVING LOAN		-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER	(SPECIFY)	-	-	-	\$ -	-	-	-	-	-	\$ -
TOTAL:		\$ 130,000	\$ 120,021	\$ 9,979	\$ -	\$ -	\$ 130,000	\$ -	\$ -	\$ 150,000	\$ 280,000
- ( )	§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING IMPACT:				2020	2021	2022	2023	2024	TOTAL	
OPERATING / MAIN	TAINING PROJECT OR A	SSET	INCREMENT	AL COSTS (NET S	SAVINGS)	-	-	-	-	_	\$ -

# CITY OF NEWARK, DELAWARE VEHICLE REPLACEMENT PROGRAM SCHEDULE 2020-2024 OTHER DEPARTMENTS

VEHICLE		PURCHA	SE PURCHASE	MILEAGE AS OF	RECOM'D MILEAGE	NORMAL YEARS	NORMAL REPL	BUDGET REPL	EQUIPMENT SINKING		REPLA	CEMEN	T C (		
NUMBER	DESCRIPTION	DAT		7/31/2019		LIFE	YEAR	YEAR	FUND BASIS	2020	2021	2022	1 (	2023	2024
CODE ENFO	RCEMENT DIVISION:														
803	2007 Dodge Durango 4x4	02/09/	07 20,545	48,735	70,000	9	2016	2021	20,545		25,000				
804	2019 Chevrolet Equinox AWD	01/18/	19 22,043	3,157	70,000	12	2031	2031	22,043						
827	2012 Toyota Camry Hybrid	03/19/	12 16,148	10,895	70,000	10	2022	2020	16,148	20,000					
836	2019 Chevrolet Equinox AWD	01/18/	19 22,043	1,115	75,000	12	2031	2031	22,043						
837	2017 Ford Fusion	08/04/	17 17,779	15,378	70,000	12	2029	2029	17,779						
838	2009 Ford Focus	04/03/	09 12,369	33,526	75,000	12	2021	2021	12,369		25.000				
839	2018 Chevy Equinox LS AWD	02/21/	18 22,020	6,269	65,000	12	2018	2030	22,020						
840	2019 Chevrolet Equinox AWD	06/07/	19 22,122	306	65,000	12	2031	2031	22,122						
TOTAL COD	E ENFORCEMENT DIVISION									20,000	50,000		_	_	-
FINANCE DE	EPARTMENT:														
1056	2009 Ford Focus	04/03/	09 12,369	48,127	75,000	12	2021	2023	12,369					35,000	
TOTAL FINA	ANCE DEPARTMENT									-			<u> </u>	35,000	
UNICITY TR	ANSPORTATION FUND:														
1301	2018 Int'l Mini-Bus	03/09/	17 113,426	34,868	100,000	7	2024	2024	-						150,000
1304	2013 Int'l Mini-Bus	a. 02/16/	12	107,449	100,000	7	2019	2019	-						
1305	2015 Int'l Mini-Bus	06/30/	14 110,342	79,620	100,000	7	2021	2021	-		130,000				
	Less: Unicity Transportation Grant Funding										(114,073)				(114,073)
TOTAL UNIO	CITY TRANSPORTATION FUND									-	15,927		<u> </u>	-	35,927
TOTAL OTH	ER DEPARTMENTS					GPOSS AC	QUISITION C	`OST		\$ 20,000	\$ 180,000	Ś	- Ś	35,000	\$ 150,000
IOIALOIN	EN DEI ANTINENTS						E OF CAPITA			7 20,000	(15,927)	7	- <b>ə</b>	33,000	(35,927)
	a. This vehicle is scheduled to be replaced in 2019.						E OF CAPITA			_	(15,927)		-	-	
•	a. This vehicle is scheduled to be replaced in 2019.						E OF GRANT		rec	(3,852)	(114,073)		-	(22,631)	(114,073)
							PMENT SINK			\$ 16,148	\$ 32,914	Ś	- - \$	12,369	<u> </u>
						NET EQUI	PIVIEINI SINK	ING FUND I	UTAL	\$ 16,148	\$ 32,914	Þ	- >	12,369	<b>ў</b> -

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## **DOCUMENT VERSION CONTROL**

## Date: Description of Change(s):

11/5/2019 Detail: Updated the below projects per Council Direction that was provided on 11/04/2019 at the Budget Hearing #1 Meeting.

## Page Number: 108 CIP Sheet: K2005 - Track Loader/Mini-Skid Steerer

Detail: As advised by council, the planned spending and funding that was previously scheduled in this project for 2020 has been deferred to 2021.

Funding Year: 2020	Previous Amount:	\$ 36,000.00
Funding Source: Current Resources	Updated Amount:	\$ 
Funding Year: 2021	Previous Amount:	\$ -
Funding Source: Current Resources	Updated Amount:	\$ 36,000.00

<sup>\*</sup>City-wide summaries listed on pages 1 through 6 as well as the department summary listed on page 99 were impacted due to the same change listed above.

### Page Number: 139 CIP Sheet: I1801 - Citywide Fiber Network (Phase II)

Detail: As advised by council, the planned spending and funding that was previously scheduled in this project for 2020 has been deferred to 2021.

Funding Year: 2	020	Previous Amount:	\$ 140,000.00
Funding Source: C	Current Resources	Updated Amount:	\$ 
Funding Year: 2	021	Previous Amount:	\$ -
Funding Source: C	Current Resources	Updated Amount:	\$ 140,000.00

<sup>\*</sup>City-wide summaries listed on pages 1 through 6 as well as the department summary listed on page 137 were impacted due to the same change listed above.

## Page Number: 140 CIP Sheet: 11804 - Harris Automation Platform

Detail: As advised by council, the planned spending and funding that was previously scheduled in this project for 2020 has been deferred to 2022.

Funding Year:	2020	Previous Amount:	\$ 75,000.00
Funding Source:	Current Resources	Updated Amount:	\$ 
Funding Year:	2022	Previous Amount:	\$ -
Funding Source:	Current Resources	Updated Amount:	\$ 75,000.00

<sup>\*</sup>City-wide summaries listed on pages 1 through 6 as well as the department summary listed on page 137 were impacted due to the same change listed above.

## 11/5/2019 Update: Corrected the prior authorized figure for the below project.

## Page Number: 155 CIP Sheet: N1603 - GWC - HVAC System Upgrades

Detail: Updated the prior authorized figure for this project as these funds were approved during the 2019 budget process and will not be utilized until 2020.

Prior Authorized: 2020	Previous Amount:	\$ -
Funding Source: Other (DEMEC/CAC)	Updated Amount:	\$ 105,000.00

<sup>\*</sup>City-wide summaries listed on pages 1 through 6 as well as the department summary listed on page 147 were impacted due to the same change listed above.

## **DOCUMENT VERSION CONTROL**

## Date: Description of Change(s):

11/5/2019 Detail: Updated the below project funding due to additional grant funding obtained by our Parks and Recreation Department.

## Page Number: 112 CIP Sheet: K1601 - Charles Emerson Bicycle/Pedestrian Bridge

Detail: Updated the below projects 2020 Current Resource funding due to additional grant funding in the amount of \$200,000 being awarded from the SORPT.

Funding Year: 2020	Previous Amount:	\$ 387,000.00
Funding Source: Current Resources	Updated Amount:	\$ 187,000.00
Funding Year: 2020	Previous Amount:	\$ 300,000.00
Funding Source: Grants	Updated Amount:	\$ 500,000.00

<sup>\*</sup>City-wide summaries listed on pages 1 through 6 as well as the department summary listed on page 99 were impacted due to the same change listed above.

11/19/2019 Detail: Updated the below projects per Council Direction that was provided on 11/18/2019 at the Budget Hearing #2 Meeting.

## Page Number: 79 CIP Sheet: H1502 - Newark Transportation Plan Implementation

Detail: Updated the 2020 planned spending and funding (Current Resources) per council direction. Reduced 2020 current resources by \$50,000, from \$300,000 down to \$250,000.

Funding Year: 2020	Previous Amount:	\$ 300,000.00
Funding Source: Current Resources	Updated Amount:	\$ 250,000.00

<sup>\*</sup>City-wide summaries listed on pages 1 through 6 as well as the department summary listed on page 73 were impacted due to the same change listed above.

## Page Number: 147 CIP Sheet: Administrative Department - Facilities Maintenance Division - Summary

Detail: Removed project (N1702 - Council Chamber Renovations) per council instruction. The proposed amendment to complete this project in 2019 did not pass.

Prior Authorized: 2019	Previous Amount:	\$ 25,000.00
Funding Source: Current Resources	Updated Amount:	\$ -

<sup>\*</sup>City-wide summaries listed on pages 1 through 6 were impacted due to the same change listed above.