

CITY OF NEWARK

DELAWARE

CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL

2015-2019



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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY
2015 -2019

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

	AMENDED BUDGET 2014	CAPITAL RESERVES	P R O P O S E D B U D G E T S					TOTAL PROPOSED AMOUNTS
			2015	2016	2017	2018	2019	
ELECTRIC FUND	\$ 1,393,790	\$ 1,185,384	\$ 1,675,015	\$ 1,928,500	\$ 9,735,000	\$ 1,493,000	\$ 409,000	\$ 15,240,515
WATER FUND	3,805,000	2,944,303	4,869,668	7,397,705	5,146,000	3,535,350	3,617,891	24,566,614
SEWER FUND	608,000	542,751	1,100,000	500,000	600,000	700,000	750,000	3,650,000
PUBLIC WORKS-GENERAL FUND	3,408,670	983,174	1,923,564	3,188,000	2,010,000	1,845,000	1,835,000	10,801,564
PUBLIC WORKS-MAINTENANCE FUND	30,000	35,000	330,000	75,000	25,000	-	-	430,000
POLICE DEPARTMENT	266,385	37,500	102,000	421,000	206,000	3,000	177,000	909,000
PARKS & RECREATION DEPARTMENT	1,671,744	119,000	356,000	1,996,000	2,055,000	145,000	118,000	4,670,000
PARKING FUND	649,250	5,665,250	5,860,325	9,100,230	3,349,450	31,050	100,000	18,441,055
INFORMATION TECHNOLOGY DIVISION	263,820	-	243,542	145,000	-	-	-	388,542
OTHER DEPARTMENTS	529,700	-	-	175,200	115,000	-	-	290,200
	<u>\$ 12,626,359</u>	<u>\$ 11,512,362</u>	<u>\$ 16,460,114</u>	<u>\$ 24,926,635</u>	<u>\$ 23,241,450</u>	<u>\$ 7,752,400</u>	<u>\$ 7,006,891</u>	<u>\$ 79,387,490</u>
<u>PLANNED FINANCING SOURCES</u>								
GROSS CAPITAL IMPROVEMENTS	\$ 12,626,359	\$ 11,512,362	\$ 16,460,114	\$ 24,926,635	\$ 23,241,450	\$ 7,752,400	\$ 7,006,891	\$ 79,387,490
LESS: USE OF RESERVES	(3,357,943)	(3,184,507)	(3,001,558)	(179,500)	(3,449)	-	-	(3,184,507)
VEHICLE & EQUIPMENT REPLACEMENT	(1,733,569)	(171,500)	(171,500)	(3,437,630)	(698,000)	(473,000)	(604,000)	(5,384,130)
GRANTS	(1,348,364)	(1,275,105)	(1,275,105)	(545,000)	(577,500)	(545,000)	(545,000)	(3,487,605)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	(1,500,000)	(6,881,250)	(6,881,250)	(9,643,900)	(12,949,450)	(1,000,000)	(1,000,000)	(31,474,600)
NET CAPITAL IMPROVEMENTS	<u>\$ 4,686,483</u>	<u>\$ -</u>	<u>\$ 5,130,701</u>	<u>\$ 11,120,605</u>	<u>\$ 9,013,051</u>	<u>\$ 5,734,400</u>	<u>\$ 4,857,891</u>	<u>\$ 35,856,648</u>

CITY OF NEWARK, DELAWARE
SUMMARY OF VEHICLE AND EQUIPMENT REPLACEMENT PROGRAM SCHEDULE
CAPITAL PROGRAM YEARS 2015 - 2019

VEHICLES BY DEPT/DIVISION	REPLACEMENT COSTS					
	2015	2016	2017	2018	2019	TOTAL
ELECTRIC	\$ -	\$ 548,500	\$ -	\$ 298,000	\$ 234,000	\$ 1,080,500
WATER	-	520,800	18,000	-	20,000	558,800
PUBLIC WORKS - REFUSE	-	536,000	165,000	-	165,000	866,000
PUBLIC WORKS - STREETS	-	555,000	175,000	175,000	-	905,000
PUBLIC WORKS - ENGINEERING	-	87,000	-	-	-	87,000
PUBLIC WORKS - MAINTENANCE	35,000	-	25,000	-	-	60,000
POLICE	37,500	357,000	200,000	-	160,000	754,500
PARKS	99,000	300,000	-	-	25,000	424,000
PARKING	-	42,000	-	-	-	42,000
OTHER DEPARTMENTS	-	77,000	115,000	-	-	192,000
SUB-TOTAL FOR VEHICLES	\$ 171,500	\$ 3,023,300	\$ 698,000	\$ 473,000	\$ 604,000	\$ 4,969,800
<u>EQUIPMENT BY DEPT/DIVISION</u>						
PARKING	-	414,330	-	-	-	414,330
SUB-TOTAL FOR EQUIPMENT	\$ -	\$ 414,330	\$ -	\$ -	\$ -	\$ 414,330
TOTAL REPLACEMENT PROGRAM	<u>\$ 171,500</u>	<u>\$ 3,437,630</u>	<u>\$ 698,000</u>	<u>\$ 473,000</u>	<u>\$ 604,000</u>	<u>\$ 5,384,130</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
FIVE YEAR PROPOSED SUMMARY BY FUND - GOVERNMENTAL FUNDS (with current year amended budget)

	AMENDED BUDGET 2014	CAPITAL RESERVES	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
			2015	2016	2017	2018	2019	
COMMUNITY DEVELOPMENT FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ 30,000	\$ -	\$ 45,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 165,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-
GRANTS	(30,000)	-	(45,000)	(30,000)	(30,000)	(30,000)	(30,000)	(165,000)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
LAW ENFORCEMENT FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-
GRANTS	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
PARKS SPECIAL REVENUE FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-
GRANTS	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
CAPITAL PROJECTS FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ 3,880,955	\$ 1,139,674	\$ 2,580,106	\$ 5,895,200	\$ 4,356,000	\$ 1,963,000	\$ 2,100,000	\$ 18,033,980
LESS: USE OF RESERVES	(428,000)	(178,069)	(178,069)	-	-	-	-	(356,138)
VEHICLE & EQUIPMENT REPLACEMENT	(871,500)	(136,500)	(136,500)	(1,912,000)	(655,000)	(175,000)	(350,000)	(3,365,000)
GRANTS	(765,000)	(825,105)	(780,105)	(515,000)	(547,500)	(515,000)	(515,000)	(3,697,710)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 1,816,455</u>	<u>\$ -</u>	<u>\$ 1,485,432</u>	<u>\$ 3,468,200</u>	<u>\$ 3,153,500</u>	<u>\$ 1,273,000</u>	<u>\$ 1,235,000</u>	<u>\$ 10,615,132</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE FUNDS (with current year amended budget)

	AMENDED BUDGET 2014	CAPITAL RESERVES	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
			2015	2016	2017	2018	2019	
ELECTRIC UTILITY FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ 909,000	\$ 1,185,384	\$ 1,675,015	\$ 1,928,500	\$ 9,735,000	\$ 1,493,000	\$ 409,000	\$ 16,425,899
LESS: USE OF RESERVES	-	(304,134)	(121,185)	(179,500)	(3,449)	-	-	(608,268)
VEHICLE & EQUIPMENT REPLACEMENT	(210,000)	-	-	(548,500)	-	(298,000)	(234,000)	(1,080,500)
GRANTS	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	(881,250)	(881,250)	-	(8,600,000)	-	-	(10,362,500)
NET CAPITAL IMPROVEMENTS	<u>\$ 699,000</u>	<u>\$ -</u>	<u>\$ 672,580</u>	<u>\$ 1,200,500</u>	<u>\$ 1,131,551</u>	<u>\$ 1,195,000</u>	<u>\$ 175,000</u>	<u>\$ 4,374,631</u>
WATER UTILITY FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ 1,364,600	\$ 2,944,303	\$ 4,869,668	\$ 7,397,705	\$ 5,146,000	\$ 3,535,350	\$ 3,617,891	\$ 27,510,917
LESS: USE OF RESERVES	-	(2,144,303)	(2,144,303)	-	-	-	-	(4,288,606)
VEHICLE & EQUIPMENT REPLACEMENT	(25,100)	-	-	(520,800)	(18,000)	-	(20,000)	(558,800)
GRANTS	-	(300,000)	(300,000)	-	-	-	-	(600,000)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER (STORM WATER FEE)	-	(500,000)	(500,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(5,000,000)
NET CAPITAL IMPROVEMENTS	<u>\$ 1,339,500</u>	<u>\$ -</u>	<u>\$ 1,925,365</u>	<u>\$ 5,876,905</u>	<u>\$ 4,128,000</u>	<u>\$ 2,535,350</u>	<u>\$ 2,597,891</u>	<u>\$ 17,063,511</u>
SEWER UTILITY FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ 160,000	\$ 542,751	\$ 1,100,000	\$ 500,000	\$ 600,000	\$ 700,000	\$ 750,000	\$ 4,192,751
LESS: USE OF RESERVES	-	(392,751)	(392,751)	-	-	-	-	(785,502)
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-	-
GRANTS	-	(150,000)	(150,000)	-	-	-	-	(300,000)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 160,000</u>	<u>\$ -</u>	<u>\$ 557,249</u>	<u>\$ 500,000</u>	<u>\$ 600,000</u>	<u>\$ 700,000</u>	<u>\$ 750,000</u>	<u>\$ 3,107,249</u>
PARKING FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ -	\$ 5,665,250	\$ 5,860,325	\$ 9,100,230	\$ 3,349,450	\$ 31,050	\$ 100,000	\$ 24,106,305
LESS: USE OF RESERVES	-	(165,250)	(165,250)	-	-	-	-	(330,500)
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	(456,330)	-	-	-	(456,330)
GRANTS	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	(5,500,000)	(5,500,000)	(8,643,900)	(3,349,450)	-	-	(22,993,350)
NET CAPITAL IMPROVEMENTS	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 195,075</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 31,050</u>	<u>\$ 100,000</u>	<u>\$ 326,125</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
FIVE YEAR PROPOSED SUMMARY BY FUND - OTHER FUNDS (with current year amended budget)

	AMENDED BUDGET 2014	CAPITAL RESERVES	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
			2015	2016	2017	2018	2019	
MAINTENANCE FUND:								
GROSS CAPITAL IMPROVEMENTS	\$ 45,000	\$ 35,000	\$ 330,000	\$ 75,000	\$ 25,000	\$ -	\$ -	\$ 465,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	(35,000)	(35,000)	-	(25,000)	-	-	(95,000)
GRANTS	-	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 45,000</u>	<u>\$ -</u>	<u>\$ 295,000</u>	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 370,000</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
FIVE YEAR SUMMARY BY FUND - TOTAL OF ALL FUNDS (with current year amended budget)

	AMENDED BUDGET 2014	CAPITAL RESERVES	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
			2015	2016	2017	2018	2019	
TOTAL CAPITAL IMPROVEMENTS:								
GROSS CAPITAL IMPROVEMENTS	\$ 6,389,555	\$ 11,512,362	\$ 16,460,114	\$ 24,926,635	\$ 23,241,450	\$ 7,752,400	\$ 7,006,891	\$ 79,387,490
LESS: USE OF RESERVES	(428,000)	(3,184,507)	(3,001,558)	(179,500)	(3,449)	-	-	(3,184,507)
VEHICLE & EQUIPMENT REPLACEMENT	(1,106,600)	(171,500)	(171,500)	(3,437,630)	(698,000)	(473,000)	(604,000)	(5,384,130)
GRANTS	(795,000)	(1,275,105)	(1,275,105)	(545,000)	(577,500)	(545,000)	(545,000)	(3,487,605)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	(6,881,250)	(6,881,250)	(9,643,900)	(12,949,450)	(1,000,000)	(1,000,000)	(31,474,600)
NET CAPITAL IMPROVEMENTS	\$ 4,059,955	\$ -	\$ 5,130,701	\$ 11,120,605	\$ 9,013,051	\$ 5,734,400	\$ 4,857,891	\$ 35,856,648

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY BY FUNCTION
FOR THE FISCAL YEAR 2015

TOTAL PROJECT COSTS

<u>DEPARTMENT/DIVISION</u>	<u>COMMUNITY DEVELOPMENT FUND</u>	<u>CAPITAL PROJECTS FUND</u>	<u>ELECTRIC FUND</u>	<u>WATER FUND</u>	<u>SEWER FUND</u>	<u>PARKING FUND</u>	<u>MAINTENANCE FUND</u>	<u>TOTAL</u>
GENERAL GOV'T-FINANCE DEPARTMENT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GENERAL GOV'T-ADMINISTRATIVE DEPARTMENT	-	-	-	-	-	-	-	-
GENERAL GOV'T-ADMINISTRATIVE IT DIVISION	-	243,542	-	-	-	-	-	243,542
GENERAL GOV'T-LEGISLATIVE DEPARTMENT	-	-	-	-	-	-	-	-
PUBLIC SAFETY-CODE ENFORCEMENT DIVISION	-	-	-	-	-	-	-	-
PUBLIC SAFETY-POLICE DEPARTMENT	-	102,000	-	-	-	-	-	102,000
PUBLIC WORKS-REFUSE DIVISION	-	227,564	-	-	-	-	-	227,564
PUBLIC WORKS-ENGINEERING DIVISION	-	-	-	-	-	-	-	-
CULTURE & RECREATION-PARKS DEPARTMENT	-	356,000	-	-	-	-	-	356,000
PUBLIC WORKS-STREET DIVISION	45,000	1,651,000	-	-	-	-	-	1,696,000
ELECTRIC DEPARTMENT	-	-	1,675,015	-	-	-	-	1,675,015
WATER DEPARTMENT	-	-	-	4,869,668	-	-	-	4,869,668
WASTEWATER DEPARTMENT	-	-	-	-	1,100,000	-	-	1,100,000
PARKING DIVISION	-	-	-	-	-	5,860,325	-	5,860,325
PUBLIC WORKS-MAINTENANCE DIVISION	-	-	-	-	-	-	330,000	330,000
	<u>\$ 45,000</u>	<u>\$ 2,580,106</u>	<u>\$ 1,675,015</u>	<u>\$ 4,869,668</u>	<u>\$ 1,100,000</u>	<u>\$ 5,860,325</u>	<u>\$ 330,000</u>	<u>\$ 16,460,114</u>

PLANNED FINANCING SOURCES

GROSS CAPITAL IMPROVEMENTS	\$ 45,000	\$ 2,580,106	\$ 1,675,015	\$ 4,869,668	\$ 1,100,000	\$ 5,860,325	\$ 330,000	\$ 16,460,114
LESS: USE OF RESERVES	-	(178,069)	(121,185)	(2,144,303)	(392,751)	(165,250)	-	(3,001,558)
VEHICLE & EQUIPMENT REPLACEMENT	-	(136,500)	-	-	-	-	(35,000)	(171,500)
GRANTS	(45,000)	(780,105)	-	(300,000)	(150,000)	-	-	(1,275,105)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	(881,250)	(500,000)	-	(5,500,000)	-	(6,881,250)
NET CAPITAL IMPROVEMENTS	<u>\$ -</u>	<u>\$ 1,485,432</u>	<u>\$ 672,580</u>	<u>\$ 1,925,365</u>	<u>\$ 557,249</u>	<u>\$ 195,075</u>	<u>\$ 295,000</u>	<u>\$ 5,130,701</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
ELECTRIC FUND

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
E1501	New Lines & Services	\$175,000	\$0	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000
E1502	Star Campus Underground Distribution	0	0	0	0	0	600,000	700,000	0	1,300,000
E1503	Star Campus Substation	0	300,000	0	300,000	0	8,600,000	0	0	8,900,000
E1504	LED Streetght Installation	0	581,250	0	581,250	0	0	0	0	581,250
E1402	12 KV Line Extension	50,000	42,765	0	42,765	0	0	0	0	42,765
E1403	Conductor Upgrades	0	0	0	0	176,000	0	0	0	176,000
E1202	Cameras, Testers for Repair Procedures	24,163	0	0	0	0	0	0	0	0
E1203	CAD Software	0	115,500	0	0	135,000	0	0	0	135,000
E1104	Spacer Cable Replacement	0	0	0	0	0	0	50,000	50,000	100,000
E1105	New Transformers & Circuit Breakers	700,000	60,000	500,000	560,000	560,000	0	0	0	1,120,000
E0903	12KV Changeover	88,627	67,449	0	0	64,000	90,000	0	0	154,000
E0503	SCADA & Automatic Switching	150,000	18,420	47,580	66,000	320,000	320,000	320,000	0	1,026,000
EEQSF	Vehicle Replacement Program	206,000	0	0	0	548,500	0	298,000	234,000	1,080,500
Total Electric		<u>\$1,393,790</u>	<u>\$1,185,384</u>	<u>\$672,580</u>	<u>\$1,675,015</u>	<u>\$1,928,500</u>	<u>\$9,735,000</u>	<u>\$1,493,000</u>	<u>\$409,000</u>	<u>\$15,240,515</u>
GROSS CAPITAL IMPROVEMENTS		\$1,393,790	\$1,185,384	\$672,580	\$1,675,015	\$1,928,500	\$9,735,000	\$1,493,000	\$409,000	\$15,240,515
LESS: USE OF RESERVES		(142,290)	(304,134)	0	(121,185)	(179,500)	(3,449)	0	0	(304,134)
VEHICLE & EQUIPMENT REPLACEMENT		(206,000)	0	0	0	(548,500)	0	(298,000)	(234,000)	(1,080,500)
GRANTS		0	0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		<u>0</u>	<u>(881,250)</u>	<u>0</u>	<u>(881,250)</u>	<u>0</u>	<u>(8,600,000)</u>	<u>0</u>	<u>0</u>	<u>(9,481,250)</u>
NET CAPITAL IMPROVEMENTS		<u>\$1,045,500</u>	<u>\$0</u>	<u>\$672,580</u>	<u>\$672,580</u>	<u>\$1,200,500</u>	<u>\$1,131,551</u>	<u>\$1,195,000</u>	<u>\$175,000</u>	<u>\$4,374,631</u>

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

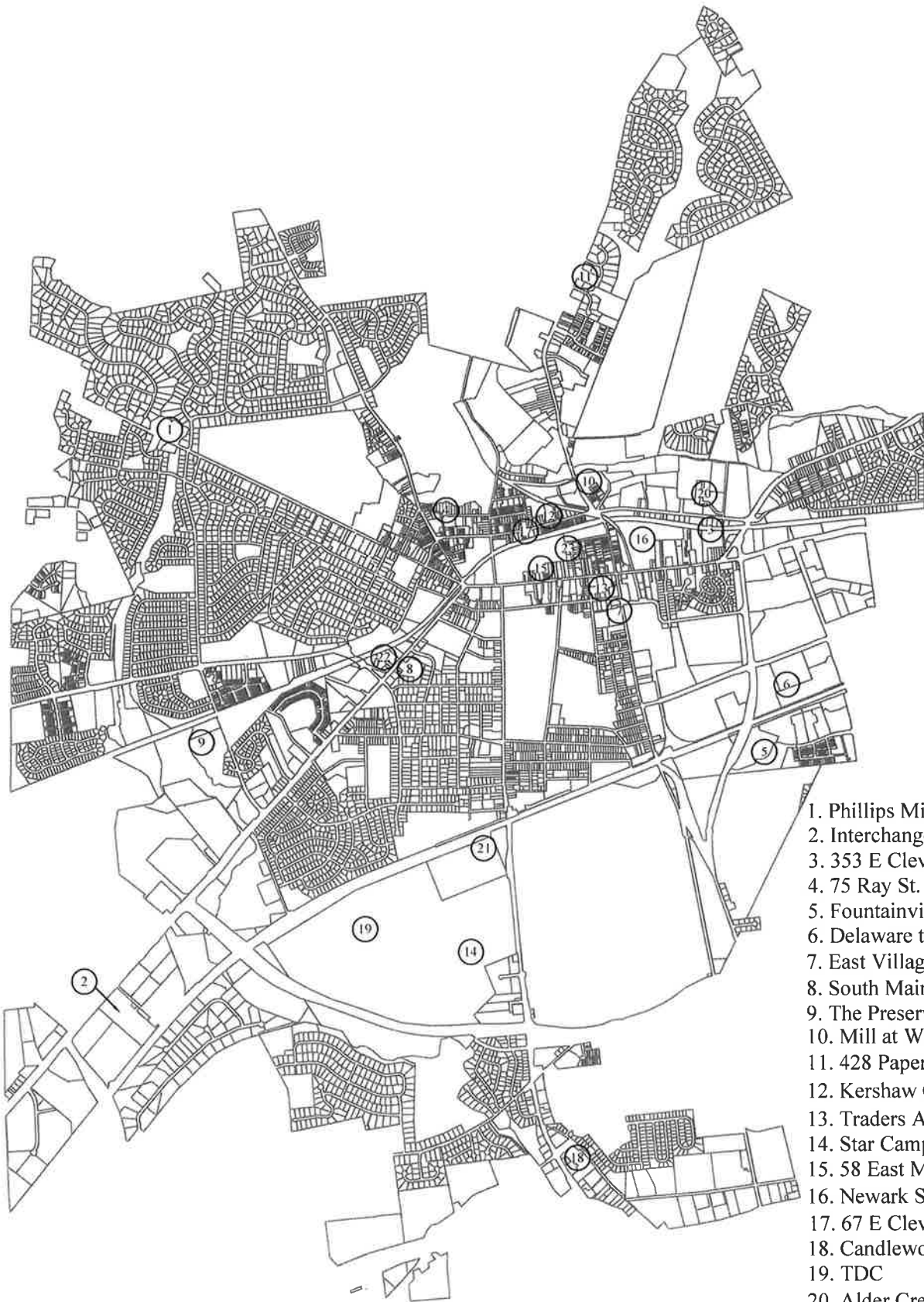
DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E1501	PROJECT TITLE: NEW LINES AND SERVICES	
PROJECT LOCATION: VARIOUS LOCATIONS IN THE CITY		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure		
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: INSTALLATION OF ELECTRIC DISTRIBUTION LINES IN NEW DEVELOPMENTS. THIS INCLUDES BOTH OVERHEAD AND UNDERGROUND PRIMARY AND SECONDARY SERVICE LINES. THIS PROJECT IS REQUIRED BASED ON THE OBLIGATION TO SERVE NEW CUSTOMERS IN THE CITY.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	ONGOING	Labor	5195106.9860	287,500
Est. Useful Life (in years)	30 YRS.	Materials	5195106.9760	337,500
Est. Total Cost	625,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		625,000
Balance to be funded ¹	625,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		125,000	125,000	125,000	125,000	125,000	625,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	125,000	125,000	125,000	125,000	125,000	625,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

E 1501



1. Phillips Mill
2. Interchange Industrial Park Phase III
3. 353 E Cleveland Ave.
4. 75 Ray St.
5. Fountainview Homes
6. Delaware technology Park
7. East Village at South Chapel
8. South Main Plaza/Chimney Ridge
9. The Preserve
10. Mill at White Clay
11. 428 Paper Mill Rd.
12. Kershaw Commons
13. Traders Alley
14. Star Campus South End
15. 58 East Main St.
16. Newark Shopping Center
17. 67 E Cleveland Ave.
18. Candlewood Suites
19. TDC
20. Alder Creek
21. Commuter Rail Station
22. 162 South Main St.
23. Lofts at Center Street

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO: E1502	PROJECT TITLE: STAR CAMPUS UNDERGROUND DISTRIBUTION EQUIPMENT	
PROJECT LOCATION:		UD STAR CAMPUS
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure
PRIORITY: 2 - Medium 2016+		
DESCRIPTION & JUSTIFICATION: UNDERGROUND ELECTRICAL DISTRIBUTION EQUIPMENT NEEDED FOR THE STAR CAMPUS.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2018	Labor		50,000
Est. Useful Life (in years)	30 YRS.	Materials		1,250,000
Est. Total Cost	1,300,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		1,300,000
Balance to be funded ¹	1,300,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES				600,000	700,000		1,300,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	600,000	700,000	-	1,300,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

E1502



MANHOLE



PAD MOUNT SWITCH



UTILITY POLE



LEGEND

INSTALLED

WATER L
GAS LINE
SANITARY
STORM S
TELE/DA

PROPOSED

WATER L
GAS LINE
SANITARY
STORM S
TELE/DA

AMTRAK

SOUTH COLLEGE AVENUE

CHRISTINA
PARKWAY



CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E1503	PROJECT TITLE: STAR CAMPUS SUBSTATION	
PROJECT LOCATION: UD STAR CAMPUS		
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure		
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: Installation of a 138KV - 34kV Substation on the Star Campus A new substation is proposed on the Star Campus in order to supply abundant and reliable electric service to the site. The City's existing 12,470 volt distribution system does not have excess capacity to feed the anticipated loads. The University has offered a three (3) acre site for the substation and is willing to install the necessary conduit and manhole system for five (5) out-going feeders to the City's subtransmission system and the two (2) site distribution circuits. The 138 kV to 34kV substation will supply five (5) existing 34kV to 12kV substations and increase reliability on the Southern side of the City. Not only would it serve the Star Campus, it would also serve large customers, such as Dow Chemical, GE Composites, Dupont and the Delaware Technology Park. Currently, the entire City is served by one point of delivery at the Kershaw Substation. A second point of delivery would give much needed redundancy in case of a major problem or a catastrophe at Kershaw Substation. It would also free up capacity on the existing 34.5kV circuits and allow for intelligent auto restoration of the 34kV to 12kV substations between the two (2) points of delivery.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		2,210,000
Est. Useful Life (in years)	40.0	Materials		6,390,000
Est. Total Cost	8,900,000	Other Contracts		300,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost 8,900,000		
Balance to be funded ¹	8,900,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (DEMEC Participation)		300,000		8,600,000			8,900,000
OTHER (Specify)							-
TOTAL	-	300,000	-	8,600,000	-	-	8,900,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO:	PROJECT TITLE:	
E1504	LED STREETLIGHT INSTALLATION	
PROJECT LOCATION: VARIOUS		
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure		
PRIORITY: 1 - High JUSTIFY Savings or Efficiency – has payback in cash or ACTIONABLE efficiency		

DESCRIPTION & JUSTIFICATION:

All DEMEC communities are working together on a large scale LED streetlight installation project. All communities south of the C&D Canal received 80% of the funding required to undertake the energy efficiency project through the USDA in the form of a 0% interest loan. The remaining 20% not funded by the USDA, plus the cost of the LED installation in Newark and New Castle, are anticipated to be funded with low-interest lease financing granted by the Delaware Sustainable Energy Utility (SEU). More information about the SEU can be found at: <http://www.energizedelaware.org/Sustainable-Energy/>

Comments from the City's Conservation Advisory Commission indicate support for such a project using community-wide green energy funding, and we plan to discuss this project in greater detail with the CAC before implementation. We expect to replace 710 to 750 cobrahead streetlights at a cost currently estimated at \$775 per light, including installation. The electric department anticipates avoiding the cost of installation by bringing as much of the installation in house as possible, which will reduce the total cost of the project. Further, DEMEC will competitively bid the program on behalf of all municipalities in an effort to reduce the per-light cost. Final light counts and costs per light, as well as a payback / net present value (NPV) analysis will be provided when available. Preliminary figures show a positive NPV for the project and a 10.5 year payback, assuming the existing "worst case" estimates.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	20.0	Materials		581,250
Est. Total Cost	581,250	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		
Balance to be funded ¹	581,250	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Delaware SEU Lease)		581,250					581,250
OTHER (Specify)							-
TOTAL	-	581,250	-	-	-	-	581,250

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

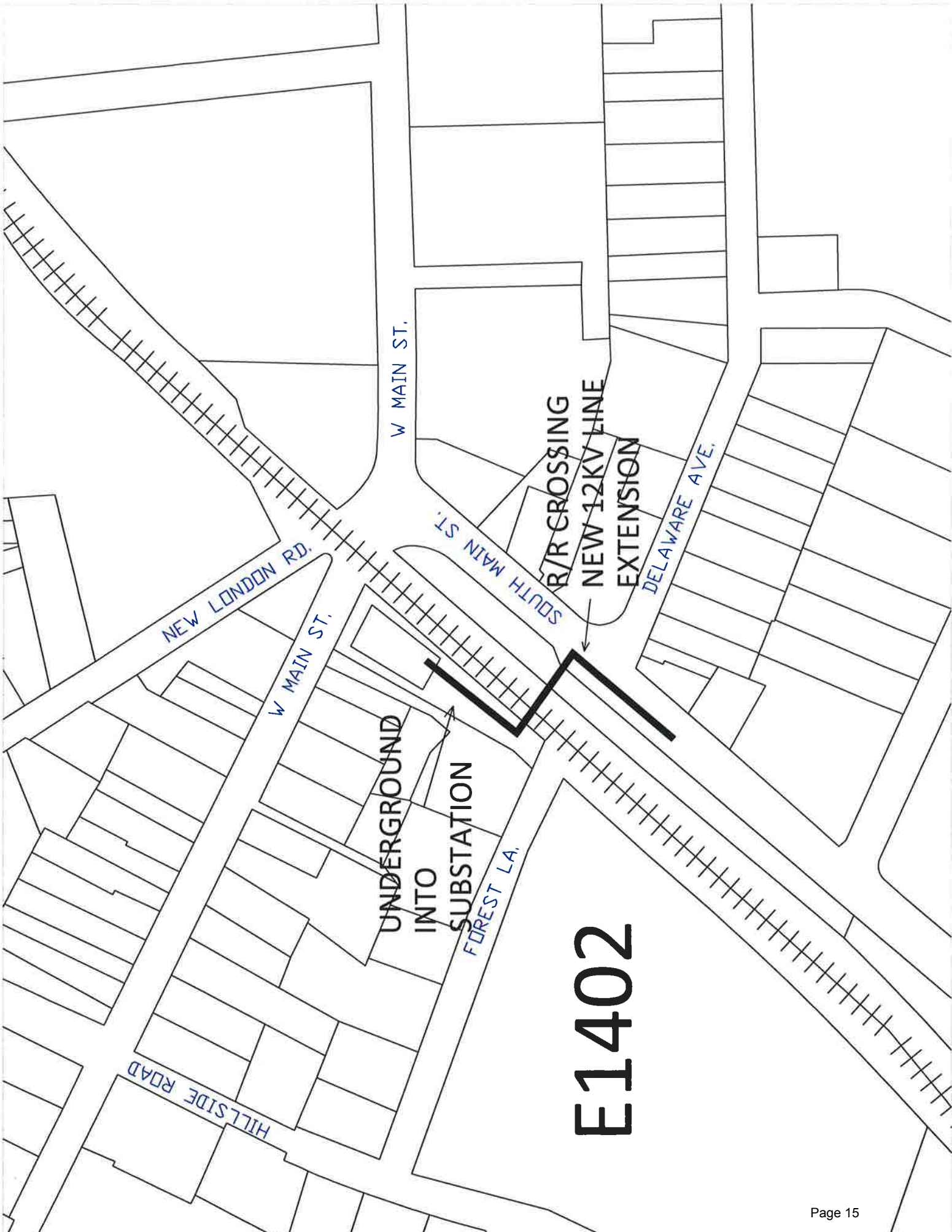
CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E1402	PROJECT TITLE: 12KV LINE EXTENSION	
PROJECT LOCATION: SOUTH MAIN STREET AND WEST MAIN STREET		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure		
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: DUE TO LOAD GROWTH ON SOUTH MAIN STREET FROM MAIN STREET TO APPLE ROAD, A NEW 12KV LINE EXTENSION IS NEEDED FROM THE WEST MAIN STREET SUBSTATION. WORK INCLUDES A NEW AERIAL RAILROAD CROSSING, UNDERGROUND CABLE INSTALLATION AND POLE REARRANGEMENTS INSIDE THE SUBSTATION.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor	5195106.9860	20,000
Est. Useful Life (in years)	30 YRS.	Materials	5195106.9760	12,765
Est. Total Cost	50,000	Other Contracts	5195106.9760	10,000
Est. Spend @ 12/31 (if underway) ¹	7,235	Total Project Cost		42,765
Balance to be funded ¹	42,765	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	10%			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	42,765						42,765
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	42,765	-	-	-	-	-	42,765

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."



E1402

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO: E1403	PROJECT TITLE: CONDUCTOR UPGRADE	
PROJECT LOCATION:		WEST MAIN STREET
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure
PRIORITY: 2 - Medium 2016+ Critical Infrastructure – maintain ops & avoid failure		

DESCRIPTION & JUSTIFICATION:

IT IS PROPOSED TO UPGRADE UNDERSIZED CONDUCTORS AND REPLACE INSULATORS ON WEST MAIN STREET FROM ELKTON ROAD TO BENT LANE.

THE EXISTING CONDUCTORS ARE TOO SMALL. THIS IS A PRECURSOR TO FUTURE VOLTAGE UPGRADES. THE GOAL IS TO COMPLETELY ELIMINATE 4KV CIRCUITS FROM THE CITY'S SYSTEM (EVERYTHING NEW IS 12KV). A TOTAL OF 18MW OF 4KV INFRASTRUCTURE EXISTED 18 YEARS AGO. THAT NUMBER HAS BEEN REDUCED TO 8MW OVER THAT TIME PERIOD, AND EFFORTS CONTINUE TO REPLACE THE 4KV LINES (ALTHOUGH THIS IS BEING TREATED AS A "NEW" PROJECT).

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	30 YRS.	Materials	5195106.9760	45,000
Est. Total Cost	176,000	Other Contracts	5195106.9760	131,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		176,000
Balance to be funded ¹	176,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			176,000				176,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	176,000	-	-	-	176,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."



CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E1203	PROJECT TITLE: CAD SOFTWARE	
PROJECT LOCATION:		N/A
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Software
PRIORITY: 2 - Medium 2016+		
DESCRIPTION & JUSTIFICATION: SOFTWARE NEEDED TO MODEL THE DISTRIBUTION SYSTEM. THIS SOFTWARE HAS ENGINEERING MODULES TO ASSIST IN FAULT CALCULATIONS, VOLTAGE DROP CALCULATIONS, COORDINATION STUDIES AND FEEDER OPTIMIZATION. SOFTWARE - \$70,000 DATABASE CONVERSION - \$65,000 TOTAL: \$135,000		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	15 YRS.	Materials	5195106.9622	135,000
Est. Total Cost	135,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		135,000
Balance to be funded ¹	135,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			19,500				19,500
CAPITAL RESERVES	115,500						115,500
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	115,500	-	19,500	-	-	-	135,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO: E1104	PROJECT TITLE: SPACER CABLE REPLACEMENT	
PROJECT LOCATION:		VARIOUS
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure
PRIORITY: 2 - Medium 2016+ Critical Infrastructure – maintain ops & avoid failure		

DESCRIPTION & JUSTIFICATION:

THE COVERING ON EXISTING AERIAL SPACER CABLES AT VARIOUS LOCATIONS IS CRACKING AND BECOMING BRITTLE CAUSING RELIABILITY ISSUES. A PROJECT TO REPLACE THE WORST CABLES IS PROPOSED.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2011	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2019	Labor	5195106.9860	45,000
Est. Useful Life (in years)	30 YRS.	Materials	5195106.9760	55,000
Est. Total Cost	100,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		100,000
Balance to be funded ¹	100,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES					50,000	50,000	100,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	-	50,000	50,000	100,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E1105	PROJECT TITLE: UPGRADE SUBSTATION TRANSFORMERS AND CIRCUIT BREAKERS	
PROJECT LOCATION: PHILLIPS SUBSTATION, EAST MAIN SUBSTATION, WEST MAIN STREET AND VARIOUS STREETS		
PROJECT STATUS (CHECK ONE): ☐ NEW ☐ IN PRIOR PROGRAM ☒ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure		
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION:		
Due to projected load increases on East Main Street Substation Transformer 9 from projects at the Newark Shopping Center, on Center Street and on Main Street and also projected load increases on East Main Street Substation Transformer 19 from projects on Cleveland Avenue, backup capacity has been lost between the circuits. In order to restore the capacity a new larger transformer is needed at the East Main Street Substation. To make room a small 2000KVA 4KV transformer installed in 1952 will be retired and approximately 700KW of 4KV will be upgraded to 15KV. (2015) Due to the loss of backup capacity between West Main Street Substation Transformer 76 and East Main Street Substation Transformer 80, a new substation transformer is needed at the West Main Street Substation. This will allow the load to be split on circuit 80-1 which feeds Cleveland Avenue at Paper Mill Road. Approximately 1000KW of 4KV load will be upgraded to 15KV on West Main Street and in Nottingham Green. (2016)		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2011	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor	5195106.9830	149,282
Est. Useful Life (in years)	30 YRS.	Materials	5195106.9730	856,718
Est. Total Cost	2,100,000	Other Contracts	5195106.9730	114,000
Est. Spend @ 12/31 (if underway) ¹	980,000	Total Project Cost		
Balance to be funded ¹	1,120,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	15%			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		500,000	560,000				1,060,000
CAPITAL RESERVES	60,000						60,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	60,000	500,000	560,000	-	-	-	1,120,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

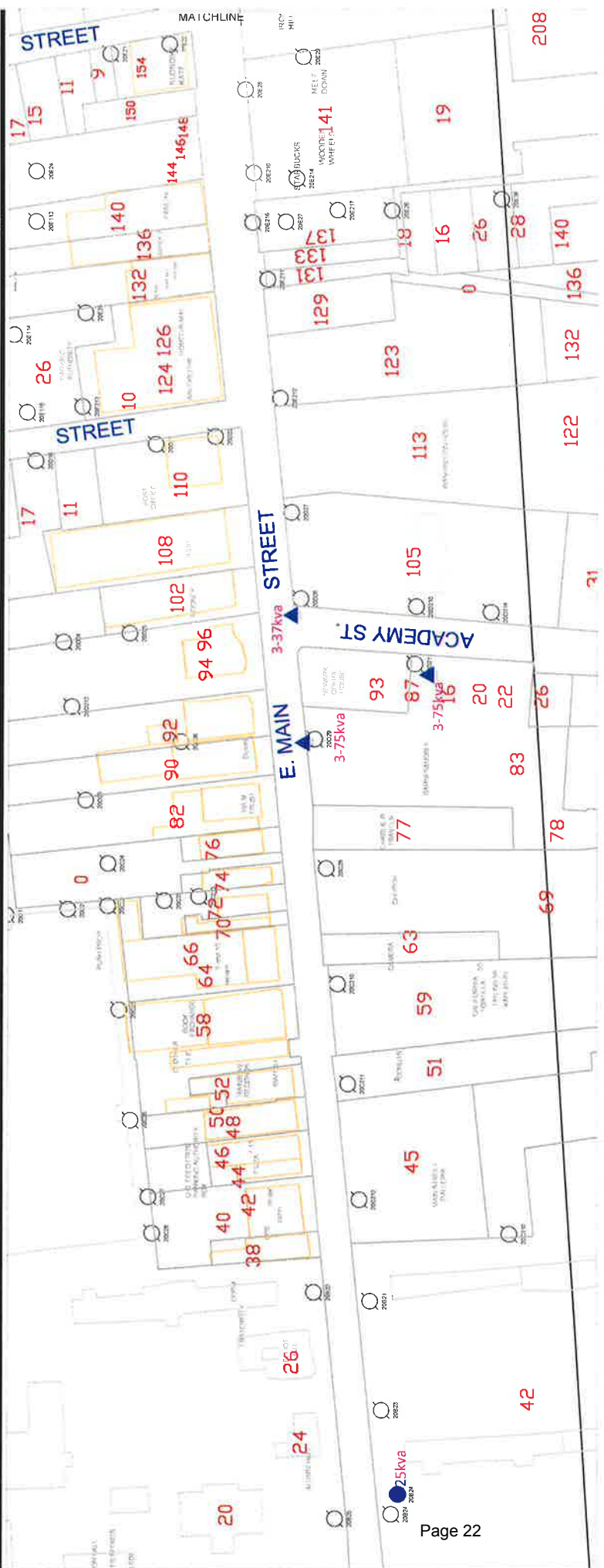
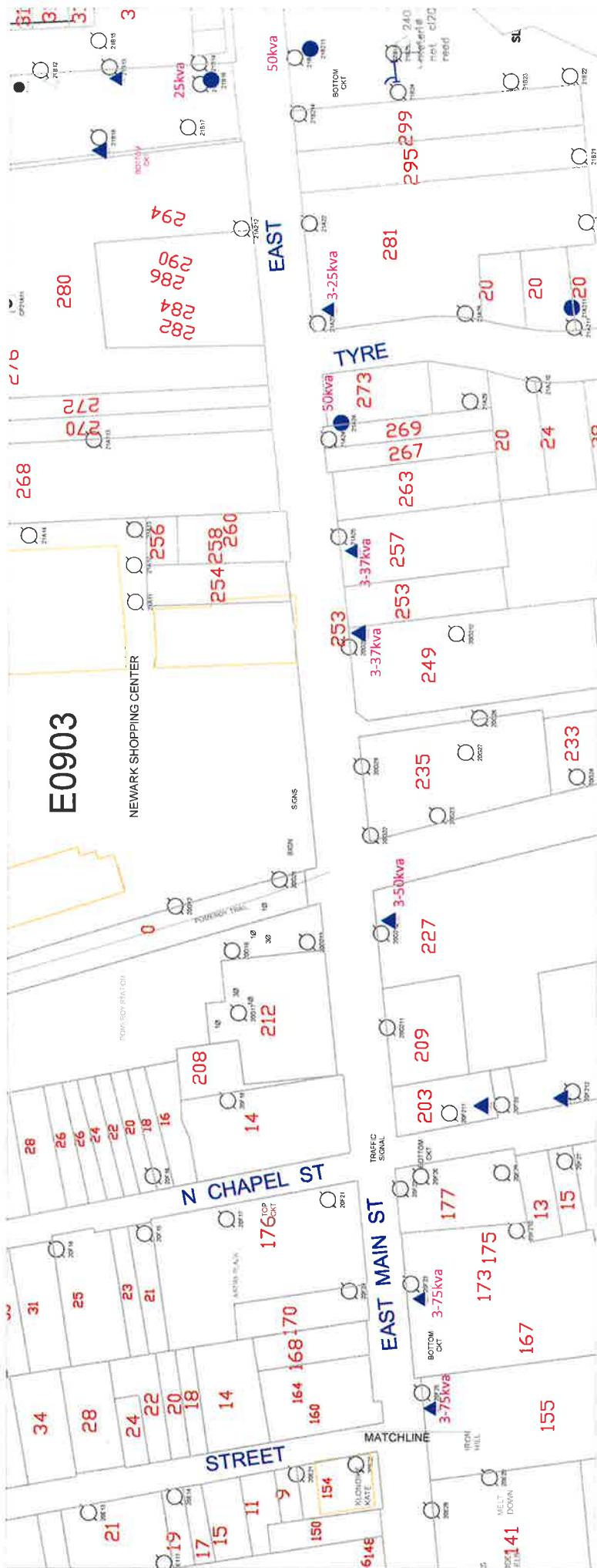
CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E0903	PROJECT TITLE: 12KV CHANGEOVER	
PROJECT LOCATION:		VARIOUS
PROJECT STATUS (CHECK ONE): ☐ NEW ☐ IN PRIOR PROGRAM ☒ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway		
DESCRIPTION & JUSTIFICATION: UPGRADE SEVERAL AREAS TO 12.47KV FROM 4.16KV BY UPGRADING VOLTAGE, FUTURE PURCHASE OF 4.16KV TRANSFORMERS WILL BE AVOIDED AND LOSSES WILL BE REDUCED. 2015 - PARTS OF KELLS AVENUE, EAST PARK PLACE, SOUTH CHAPEL STREET, TYRE AVENUE AND CLEVELAND AVENUE 2016 - NOTTINGHAM GREEN, COUNTRY CLUB AND THE FIRST PRESBYTERIAN CHURCH 2017 - PARTS OF MAIN STREET AND CLEVELAND AVENUE		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2009	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor	5195106.9860	121,369
Est. Useful Life (in years)	30 YRS.	Materials	5195106.9760	88,080
Est. Total Cost	284,000	Other Contracts		12,000
Est. Spend @ 12/31 (if underway) ¹	62,551	Total Project Cost		221,449
Balance to be funded ¹	221,449	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	20%			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES	-	-	64,000	90,000	-	-	154,000
CAPITAL RESERVES	67,449						67,449
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	67,449	-	64,000	90,000	-	-	221,449

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E0903

E0903

Map showing a residential subdivision with lots and streets. A large area is outlined in black. The map includes street names such as Northwood Drive, Tanglewood Lane, Dallas Road, Bent Lane, Oak Lane, and Maple Lane. The map is oriented with North at the top.

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E0503	PROJECT TITLE: SCADA AND AUTOMATIC SWITCHING	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure		
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: INSTALLATION OF THE SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM AT ALL SUBSTATIONS WILL BE COMPLETED IN 2015. THIS EQUIPMENT GIVES REAL TIME LOAD AND VOLTAGE INFORMATION AND REMOTE CONTROL OF ALL SUBSTATION FEEDER CIRCUIT BREAKERS. THIS WILL ALLOW REMOTE SWITCHING AND RESTORATION AFTER POWER OUTAGES. 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.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2005	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2018	Labor	5195106.9860	106,000
Est. Useful Life (in years)	20 YRS.	Materials	5195106.9622, 9760	484,000
Est. Total Cost	1,361,462	Other Contracts	5195106.9760	436,000
Est. Spend @ 12/31 (if underway) ¹	335,462	Total Project Cost		1,026,000
Balance to be funded ¹	1,026,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	40%			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		47,580	320,000	320,000	320,000		1,007,580
CAPITAL RESERVES	18,420						18,420
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	18,420	47,580	320,000	320,000	320,000	-	1,026,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO: EEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway		
DESCRIPTION & JUSTIFICATION: PLANNING ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	ONGOING	CLASSIFICATION		ACCOUNT NUMBERS		AMOUNT	
Est. Completion Date	ONGOING	Labor					
Est. Useful Life (in years)	VARIOUS	Materials					
Est. Total Cost	\$1,080,500	Other Contracts		5195106.9623		1,080,500	
% Complete (if underway)		Total Project Cost \$1,080,500					
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			548,500		298,000	234,000	1,080,500
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	548,500	-	298,000	234,000	1,080,500

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
ELECTRIC UTILITY

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	RECOM'D MILEAGE AT REPL	NORMAL YEARS LIFE	NORMAL REPL YEAR	BUDGET REPL YEAR	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
STAFF CARS													
103	2010 Dodge Nitro	05/28/10	19,567	56,066	70,000	5	2015	2018				30,000	
116	2012 Toyota Camry Hybrid	03/19/12	24,718	4,478	70,000	10	2022	2022					
120	2012 Toyota Camry Hybrid	03/19/12	24,718	4,399	70,000	10	2022	2022					
LINE TRUCKS													
100	1997 Int'l 4700 Stake Truck	03/14/97	39,285	56,446	110,000		N/A	N/A					
101	2005 Int'l 4300 Aerial Lift Truck	10/01/04	115,499	89,407	75,000	8	2012	2016	165,000				
104	2013 International 7400 Digger	09/21/12	228,003	12,555	75,000	8	2020	2020					
105	2006 International 7400 Pole Truck	09/01/06	166,920	28,978	65,000	8	2014	2018				203,000	
115	EZ Hauler 4100 Mini Digger Derrick	09/12/08	120,732	--	--	8	2016	2016	155,000				
122	2004 Int'l Aerial Lift Truck	09/12/03	123,982	76,145	65,000	8	2011	2016	195,000				
124	2009 Ford F750 Aerial Lift	09/18/09	149,600	33,640	100,000	8	2018	2019					199,000
126	2009 Ford F250 Truck	04/03/09	19,965	62,280	90,000	8	2017	2018				35,000	
130	2013 Ford F750 Aerial Lift	01/14/14	176,500	7,136	75,000	8	2022	2022					
147	2002 Int'l 4700 Bucket Truck	a. 08/30/02	98,712	79,054	75,000	8	2010	2014					
PICK-UPS & VANS													
129	2011 Ford 3/4 Ton Utility Body	07/02/10	27,412	20,666	90,000	10	2020	2020					
132	2008 GMC Sierra 2500 Pickup	10/03/08	20,579	26,071	65,000	10	2018	2019					35,000
145	2002 Dodge Ram R2500 Pickup	05/31/02	21,337	68,203	65,000	10	2012	2015	33,500				
OTHER EQUIPMENT													
1015	2005 Daewoo 5000K Forklift	10/14/05	21,450	--	--	10	2015	2018				30,000	
TOTAL ELECTRIC UTILITY									\$0	\$548,500	\$0	\$298,000	\$234,000

a. Vehicle scheduled to be replaced in 2014.

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
WATER FUND

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
W1501	Source Water Monitoring/Reservior Upgrades	\$0	\$0	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
W1502	Pump and VFD Efficiency Upgrades	0	150,000	0	150,000	0	0	0	0	150,000
W1503	Academy Street Interconnection Station	0	0	50,000	50,000	350,000	0	0	0	400,000
W1401	Re-Bed Filters 1 and 2	180,000	180,000	70,000	250,000	0	0	0	0	250,000
W1402	Air Stripper Replacement/Storage Tank Config.	75,000	75,000	75,000	150,000	650,000	0	0	0	800,000
W1403	Storm Water Improvements	1,500,000	500,000	0	500,000	1,500,000	1,575,000	1,575,000	1,639,800	6,789,800
W1301	Keyless Entry System	0	0	0	0	75,000	75,000	0	0	150,000
W1302	Abandon Old Wells	0	0	0	0	40,000	40,000	0	0	80,000
W1303	Water System Master Plan	40,000	190,000	110,000	300,000	0	0	0	0	300,000
W1304	Eliminate Tank Overflows	0	39,614	40,386	80,000	0	0	0	0	80,000
W1201	Water Main: Windy Hills to Red Mill	30,000	22,500	70,000	92,500	275,000	0	0	0	367,500
W1101	Curtis Plant Intake Replacement	173,000	173,000	0	173,000	1,325,000	1,325,000	0	0	2,823,000
W1102	Lime Silo/Delivery Rehabilitation	0	13,650	0	13,650	0	0	0	0	13,650
W1103	Repairs to Concrete Tank	0	359,913	0	359,913	0	0	0	0	359,913
W0807	Arbour Park Booster Station Improvements	0	398,374	0	398,374	0	0	0	0	398,374
W0503	Well Restoration	27,000	55,636	0	55,636	28,000	28,000	29,000	29,000	169,636
W0403	Water Tank Mixing Retrofit	95,000	181,095	0	181,095	168,905	100,000	0	0	450,000
T0101	NPDES Phase II Stormwater Quality	0	13,360	26,640	40,000	40,000	40,000	40,000	40,000	200,000
W0002	Alternative Disinfection Equipment	150,000	50,000	75,000	125,000	100,000	0	0	0	225,000
W9302	SCADA System	150,000	218,183	51,817	270,000	0	0	0	0	270,000
W9308	Water Main Renovation Program	890,000	148,478	851,522	1,000,000	1,500,000	1,545,000	1,591,350	1,639,091	7,275,441
W8605	Water Tank Maintenance	450,000	175,500	355,000	530,500	825,000	400,000	300,000	250,000	2,305,500
WEQSF	Vehicle Replacement Program	45,000	0	0	0	520,800	18,000	0	20,000	558,800
Total Water		<u>\$3,805,000</u>	<u>\$2,944,303</u>	<u>\$1,925,365</u>	<u>\$4,869,668</u>	<u>\$7,397,705</u>	<u>\$5,146,000</u>	<u>\$3,535,350</u>	<u>\$3,617,891</u>	<u>\$24,566,614</u>
GROSS CAPITAL IMPROVEMENTS		\$3,805,000	\$2,944,303	\$1,925,365	\$4,869,668	\$7,397,705	\$5,146,000	\$3,535,350	\$3,617,891	\$24,566,614
LESS: USE OF RESERVES		(1,291,796)	(2,144,303)	0	(2,144,303)	0	0	0	0	(2,144,303)
VEHICLE & EQUIPMENT REPLACEMENT		(45,000)	0	0	0	(520,800)	(18,000)	0	(20,000)	(558,800)
GRANTS		0	(300,000)	0	(300,000)	0	0	0	0	(300,000)
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER		<u>(1,500,000)</u>	<u>(500,000)</u>	<u>0</u>	<u>(500,000)</u>	<u>(1,000,000)</u>	<u>(1,000,000)</u>	<u>(1,000,000)</u>	<u>(1,000,000)</u>	<u>(4,500,000)</u>
NET CAPITAL IMPROVEMENTS		<u>\$968,204</u>	<u>\$0</u>	<u>\$1,925,365</u>	<u>\$1,925,365</u>	<u>\$5,876,905</u>	<u>\$4,128,000</u>	<u>\$2,535,350</u>	<u>\$2,597,891</u>	<u>\$17,063,511</u>

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W1501	PROJECT TITLE: Source Water Monitoring and Reservoir Upgrades		
PROJECT LOCATION: White Clay Creek Upstream from the Newark Water Treatment Plant			
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure			
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation			
DESCRIPTION & JUSTIFICATION: The recent incidents in West Virginia and Toledo have highlighted the need to more closely monitor our source water to the Newark Water Treatment Plant (NWTP) and reservoir which take water from the White Clay Creek and are responsible for production of approximately 60% of Newark's drinking water. This project proposes to install a real-time multi-parameter monitoring station on the White Clay Creek, upstream from our intake at a location selected during the design process. This station will monitor for potential contaminants, allowing the water plant operators a more efficient methodology for identification and avoidance of potential threats to the water system. We have already begun preliminary research on monitoring station options and partnering opportunities with the UD Water Resources Agency, United Water, DNREC and the USGS, each of which would be interested in the data provided by the station. We will also review potential grant opportunities to assist with funding. In addition to the above benefit, this station can monitor for nutrient plumes in the White Clay that contribute to harmful algae blooms in the reservoir. With the ability to monitor nutrient levels in the creek we can cycle pumping operations to the reservoir to avoid sending nutrient rich water up, potentially reducing algae growth and treatment costs at the NWTP. This project also proposes to review possibilities for additional mixing/aeration in the reservoir to reduce thermal stratification which negatively impacts the water quality of thermally stratified layers, contributing to taste and odor problems when using water from depths below the normal operating range. This will also reduce harmful blue-green algae growth and treatment costs at the NWTP.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	10.0	Materials		
Est. Total Cost	150,000	Other Contracts		150,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		150,000
Balance to be funded ¹	150,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		150,000					150,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	150,000	-	-	-	-	150,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO:	PROJECT TITLE:		
W1502	Pump and VFD Efficiency Upgrades at Water Pumping Facilities		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure			
PRIORITY: 1 - High JUSTIFY Savings or Efficiency – has payback in cash or ACTIONABLE efficiency			
DESCRIPTION & JUSTIFICATION: Following the successful completion of the Honeywell Energy Efficiency project, and recognizing that the pump and VFD upgrades included in that project provided the lions share of energy savings, we have identified several large pumps that would benefit from pump resizing and/or installation of a Variable Frequency Drive (VFD). These pumps currently are oversized, requiring the use of a partially closed valve to throttle flow through frictional losses. By replacing the pump or installing a VFD we will be able to run these pumps closer to their service point or at a slower speed, allowing for more precision in flow rate without the electrical waste associated with running against a valve. This project will cover pump and drive selection and design, payback analysis, and installation. The following sites have been identified as viable candidates for pump and VFD retrofit: Newark Reservoir Booster Station: This booster station was designed prior to the reservoir coming online. As a result, the design was overly optimistic in its assumption for the supply capacity of the existing mill race that serves as the water source for the station. As a result, it has three 250 horsepower pumps, each with a pumping capacity of over 4000 gpm when the raceway is limited to around 2500 gpm when the water plant is also running on the mill race. This results in the need to run against a valve approximately 50% closed. There was a VFD included with the original design for pump 1 but it has failed and is now so old we are unable to get the parts necessary for repair. As a result we are now unable to fill the reservoir when stream flows get low, limiting our ability to take advantage of refilling opportunities during periods of drought. For this reason, replacing the VFD here needs to happen even if the hard payback analysis for the VFD installation is less favorable than just pump replacement alone. Based on the large pump size and excessive amount of throttling we expect to get a good payback at this location, however. Reservoir Wetland Pump: This pump supplies water to the wetland bench (moat) around the reservoir and the sand filter at the NE corner. This pump runs 24 hours a day outside of the winter months, and pumps against a valve approximately 90% closed, making it an excellent candidate for retrofit. Well 17: Well 17 experiences excessive drawdown which will cause premature failure of the well screen if run at full speed, due to interference with a nearby private commercial well. This currently runs 24 hours a day against a partially closed valve making it an excellent candidate for retrofit.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2015	Labor					
Est. Useful Life (in years)	10.0	Materials					
Est. Total Cost	150,000	Other Contracts			150,000		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost				150,000	
Balance to be funded ¹	150,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)	0						
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (DNREC Energy; Green Energy)		150,000					150,000
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	150,000	-	-	-	-	150,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W1503	PROJECT TITLE: Academy Street Interconnection Pump Station Replacement		
PROJECT LOCATION:		Academy Street Interconnection Pump Station	
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 2 - Medium 2016+			

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 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 United or Artesian. NWTP can usually keep up with demand if SWF were to be out of service but may require water purchases if the SWF were to fail during the peak season. We recently 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 United Water, located at the intersection of Academy Street and Waterworks Lane, is the existing interconnection location best suited to serve as the backup supply for the NWTP. This location is proximate to large diameter mains in both our system and United's and is located on City owned property. 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. Both 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. Additionally, long-term maintenance on the oversized building will continue to be a maintenance burden for as long as the station is in service. This project proposes to replace the existing station with a pre-packaged booster station similar to what has been installed at the Northwest Booster near West Branch and will be installed early 2015 in Arbour Park. These stations feature high efficiency pumps, SCADA compatibility, and variable frequency drives creating a low maintenance cost, reliable, and efficient pump station. We will perform a needs assessment to properly size the pumps for current and future potential demand. This project will also demolish the existing building.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	10.0	Materials		
Est. Total Cost	400,000	Other Contracts		400,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		400,000
Balance to be funded ¹	400,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		50,000	350,000				400,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	50,000	350,000	-	-	-	400,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W1401	PROJECT TITLE: South Well Field Plant Upgrades and Filter Re-Bedding of units 1 and 2		
PROJECT LOCATION:		South Well Field Water Treatment Plant	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			

DESCRIPTION & JUSTIFICATION:

Recent filter media inspection by Hungerford and Terry indicates that the filter media needs replacement. The useful life for the filter media in these filters is 10 years. The filter media is just about 10 years old. Also there may be a clogged or broken air line under neath the media in the filters that inhibit proper air scouring during a back wash cycle. We are going to attempt to complete this in 2014 but can't start the project until the concrete tank repair is complete. We also plan to install a fabric roof over the backwash tanks as part of this project. We have had several pump failures over the last few years due to branches and other tree material falling into the open top tanks. Each pump failure costs several thousand dollars. Eliminating the pump repairs will easily pay for the roof within 3 or 4 years. Lastly, we plan to perform spot painting as necessary of locations on the filters and associated piping that are suffering from corrosion and replace the effluent flow meter which has recently failed.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor	5295206.9840	100,000
Est. Useful Life (in years)	15.0	Materials	5295206.9740	100,000
Est. Total Cost	250,000	Other Contracts		50,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		250,000
Balance to be funded ¹	250,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES	-	70,000					70,000
CAPITAL RESERVES	180,000						180,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	180,000	70,000	-	-	-	-	250,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W1402	PROJECT TITLE: Air stripper replacement and reconfiguration of storage tanks		
PROJECT LOCATION:		South Well Field Treatment Plant	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			

DESCRIPTION & JUSTIFICATION:

The current air stripper is a single unit with no redundancy. It has been in service for many years, is very difficult to maintain due to being located on top of the raw water tank, and is unable to adequately treat the water that we have available in our new well 14R. Also, the lack of redundancy in the air stripper, raw and finish water tanks, means we are unable to perform routine maintenance without halting production at South Well Field for the project duration. This project will accomplish several priorities. First it will provide us with new air strippers (sized for redundancy) located atop a much smaller raw water tank that will have two chambers to allow for maintenance of one side while operating from the other. Once completed this project will also allow us to complete the repair and repainting of the two existing tanks that will then both become finish water tanks. The repair and maintenance of the existing tanks will be completed with the existing tank maintenance CIP project. When we are done we will have new, adequate and redundant air stripping capacity, new and redundant raw water storage and refurbished and redundant finished water storage. The project will kick off in 2014 with spending on review / analysis and a pilot study of the desired air stripper at Well 14 for proof of concept. There is a chance that the project could be eligible for State of Delaware revolving loan or other funding sources.

2014 - Pilot project on Well 14R,
preliminary estimates for full project to use in budgeting
2015 - Design and Bidding, update CIP budget
2016 - Construction

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	15.0	Materials		
Est. Total Cost	800,000	Other Contracts		800,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		800,000
Balance to be funded ¹	800,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES	-	75,000	650,000				725,000
CAPITAL RESERVES	75,000						75,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	75,000	75,000	650,000	-	-	-	800,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO:	PROJECT TITLE:		
W1403	Storm Water Improvements		
PROJECT LOCATION:		Various Locations	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY:	1 - High	JUSTIFY	Critical Infrastructure – maintain ops & avoid failure

DESCRIPTION & JUSTIFICATION:

The City's recent struggles with flooding after significant weather events is well documented. Staff prepared material for the September 30, 2013 storm water workshop, which exhibited \$6.9 million in storm water repairs and improvements judged to be the most critical. We continue to investigate what jobs can be designed and started in 2015. That investigation will determine the level of spending in each year of the current CIP plan, but we are making the assumption that we will be able to levelize the investment required each year to an amount that we will be able to partially offset through a storm water fee each year. That is the nature of the \$1.5 million spending levels with \$1 million per year offsetting funding source. Long-term projects follow in the table below.

Description	Potential Costs
Devon Place Survey, Modeling Engineering Costs	\$24,300
Devon Place Storm Sewer Improvements	\$1,313,000
Timberline Culvert Replacement	\$530,000
East Main St./Haines St. Survey, Modeling Costs	\$24,500
Arbour Drive Storm Sewer Improvements	\$111,000
Haines St. Storm Sewer Improvements	\$3,720,000
Kells Avenue Survey, Modeling Engineering Costs	\$23,000
Kells Avenue Storm Sewer Improvements	\$764,000
Fremont Culvert Replacement	\$280,000
Total Stormwater Projects	\$6,789,800

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2019	Labor		
Est. Useful Life (in years)	20.0	Materials		
Est. Total Cost	6,789,800	Other Contracts		6,789,800
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		6,789,800
Balance to be funded ¹	6,789,800	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		-	500,000	575,000	575,000	639,800	2,289,800
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Storm Water Fee)		500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000
OTHER (Specify)							-
TOTAL	-	500,000	1,500,000	1,575,000	1,575,000	1,639,800	6,789,800

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: Water	
PROJECT NO: W1301	PROJECT TITLE: Keyless Entry System		
PROJECT LOCATION:		Various Facilities	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Safety Initiative	
PRIORITY: 2 - Medium 2016+			
DESCRIPTION & JUSTIFICATION: Water Department facilities are secured with keyed locks. The control of keys is a burden to maintain and exposes us to risk should one or more of the keys become lost or stolen. With a keyless system we would have the ability to "turn off" lost or stolen keys and continue operations with little to no disruption. Facilities that would be protected in the Water System include the Newark and South Well Field Water Treatment Plants, the well houses, pump stations, and several vaults. Newark Water Treatment Plant 4 doors, South Well Field 10 doors, Paper Mill Road Pump Station 2 doors, Evergreen Booster Station 1 door, Wells 11,12,13,15,16 one door each and miscellaneous vaults. Facilities with multiple doors may be set up such that only one or two doors are used for keyed entry to eliminate equipment of every door thus reducing the cost or allow for more facilities to be protected should others be identified. We will match the keyless entry system installed at City Hall so there will be one system city-wide.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	150,000	Other Contracts	5295206.973	150,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		150,000
Balance to be funded ¹	150,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			75,000	75,000			150,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	75,000	75,000	-	-	150,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: WATER	
PROJECT NO: W1302	PROJECT TITLE: Abandon Old Wells		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Safety Initiative	
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation			
DESCRIPTION & JUSTIFICATION: The Water Department has over time developed various well fields that are no longer in use. In several cases the well head and associated piping including the well itself are still on site and subject to vandalism and possible contamination of the aquifer. This project will allow us to seal the old wells and deactivate the sites. Wells that we will be considering for closure include Well 25 (near Fairfield Crest) , Well 24 (Along the west side of Creek Road past Bubble Gum Rock), Well 21 (on the east side of Jennys Run adjacent to Pine Brook Apartments), Well 19 (Reybould Road and Rt 72), Well 18 (Old Cooches Bridge Road), Well 5, and other associated monitoring wells at Lewis Park, Well 10 (South Well Field). This work will be done in coordination with the DSGS and DNREC Office of Ground Water. Each well will cost in the vicinity of \$7,500 to abandon and clear the site.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		
Est. Useful Life (in years)		Materials		
Est. Total Cost	80,000	Other Contracts	5295206.996	80,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		80,000
Balance to be funded ¹	80,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019+	TOTAL
CURRENT RESOURCES			40,000	40,000			80,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	40,000	40,000	-	-	80,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W1303	PROJECT TITLE: Water System Master Plan		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			

DESCRIPTION & JUSTIFICATION:

This project will build off of the stormwater management GIS system that is currently in development and expand it to cover the water system. We will use a combination of existing maps, field survey, and other data sources to build an accurate GIS database of existing water assets including buried infrastructure, booster stations, tanks, treatment plants and other related features. This database will allow for better targeted repair and replacement of assets, creation of an advanced water model for analysis of needed upgrades, and serve as a data warehouse for O&M manuals, maintenance history and other data relevant to efficient operation of a water utility.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	10	Materials		
Est. Total Cost	300,000	Other Contracts		300,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		300,000
Balance to be funded ¹	300,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES	-	110,000					110,000
CAPITAL RESERVES	40,000						40,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Drinking Water Planning Grant)		150,000					150,000
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	40,000	260,000	-	-	-	-	300,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: WATER
PROJECT NO: W1304	PROJECT TITLE: Eliminate Tank Overflows Across Private Property	
PROJECT LOCATION:		VARIOUS TANKS
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: Several of our water tanks have overflows that flow across lawns or through pipes that pass through private drain lines. This project will provide funding such that we can begin to implement solutions to these problems. Tank overflow upgrades will coincide with water tank painting when possible.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	>20 Years	Labor		
Est. Useful Life (in years)		Materials		
Est. Total Cost	80,000	Other Contracts	5295206.976	80,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		80,000
Balance to be funded ¹	80,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		40,386					40,386
CAPITAL RESERVES	39,614						39,614
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	39,614	40,386	-	-	-	-	80,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W1201	PROJECT TITLE: Connect 12 Inch Water Main From Windy Hills To Red Mill Road		
PROJECT LOCATION:		Windy Hills Development to Red Mill Road	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			
DESCRIPTION & JUSTIFICATION: When Windy Hills was developed, provisions were made to extend a 12 inch line to Red Mill Road. Since then we have continued to serve customers on Kirkwood Highway East to Harmony Road and various businesses on Ruthar Drive with only the 8" line to augment the 6" line on Capitol Trail. Making this 12 inch connection will provide a second source of water for this section of our water system improving the pressure, flow, and water quality. We completed the alternatives analysis in the Spring of 2014 and identified an alternate route which is estimated to save around \$200,000 in construction costs versus the originally proposed alignment. The schedule is as follows: 2014 Alternatives Study and Cost Estimates. Update Capital Budget for 2015/2016 2015 Detailed survey, design, and permitting. Update 2016 Capital Budget if Necessary 2016 Construction			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	50	Materials		
Est. Total Cost	367,500	Other Contracts		367,500
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		367,500
Balance to be funded ¹	367,500	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019+	TOTAL
CURRENT RESOURCES		70,000	275,000				345,000
CAPITAL RESERVES	22,500						22,500
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	22,500	70,000	275,000	-	-	-	367,500

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W1101	PROJECT TITLE: Curtis Water Treatment Plant (CWTP) Intake Study and Replacement		
PROJECT LOCATION:		Newark Water Treatment Plant	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: The dam and raceway form the back bone of the system that conveys raw water from the White Clay Creek to the Newark Treatment Plant and Reservoir Pump Station. The dam is exhibiting signs of fatigue and has the potential to be bypassed should the White Clay Creek change course or wash out the right side embankment during a high water event. The raceway has an antiquated waste way structure and bridge assembly that controls the level in the raceway and provides access to the raceway head gates. We also have no effective means to clear debris from the water that flows down the raceway creating problems with the reservoir pumps. Furthermore, efforts are underway to eliminate or mitigate the barriers that this and other dams create which prevent the migration of fish, molusks, and other aquatic life. This study will evaluate alternatives and make recommendations for projects to address the various issues related to the raw water intake system. Pricing for the construction is intended as a place holder until more detailed price estimates can be developed during the study. Grant Funding may be available and will be explored more thoroughly during the study phase of this project. Ideal candidate for Delaware revolving loan funding if no grant funding is identified. 2014 Continue Study Currently Underway and Begin Plan Preparation/Permitting (Reserve Funds) 2015 Complete Plan Preparation/Permitting and Begin Construction (Est.) 2016 Complete Construction (Est.)			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2011	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2018	Labor		
Est. Useful Life (in years)	30	Materials		
Est. Total Cost	2,838,100	Other Contracts	5295206.974	2,823,000
Est. Spent @ 12/31 (if underway) ¹	15,100	Total Project Cost		2,823,000
Balance to be funded ¹	2,823,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		-	1,325,000	1,325,000			2,650,000
CAPITAL RESERVES	173,000						173,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	173,000	-	1,325,000	1,325,000	-	-	2,823,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO:	PROJECT TITLE:		
W1102	Rehabilitate the Lime Silo and Delivery System at NWTP		
PROJECT LOCATION:		Newark Water Treatment Plant	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance	
PRIORITY:	1 - High JUSTIFY Continue previously authorized project that is currently underway		

DESCRIPTION & JUSTIFICATION:

The lime silo and conveyance system in use at the Newark Water Treatment Plant have been in place since 1992 and have deteriorated over time to the point that the equipment is not usable without releasing lime dust into the plant. This project will update the silo and delivery system including the filter bag house, delivery system piping, ladder safety device, and controls.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date		Labor		
Est. Useful Life (in years)	25.0	Materials		
Est. Total Cost	50,000	Other Contracts		13,650
Est. Spend @ 12/31 (if underway) ¹	36,350	Total Project Cost		13,650
Balance to be funded ¹	13,650	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	73%			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	13,650						13,650
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	13,650	-	-	-	-	-	13,650

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Water and Wastewater	DIVISION:	Water
PROJECT NO:	PROJECT TITLE:		
W1103	Repairs to Concrete Tank		
PROJECT LOCATION:		500 Paper Mill Road	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY:	1 - High JUSTIFY Continue previously authorized project that is currently underway		

DESCRIPTION & JUSTIFICATION:

The roof of the concrete tank on Paper Mill Road has an area of spalling concrete, pipes and the ladder within the tank that needs to be repaired, and the roof vent needs to be replaced. The concrete on the roof is deteriorated and needs to be repaired. The budget for 2012 will allow for the analysis and design of a new roof structure. Repair of the roof is budgeted for 2013.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date		Labor		
Est. Useful Life (in years)	30 years(s)	Materials		
Est. Total Cost	359,913	Other Contracts		359,913
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		359,913
Balance to be funded ¹	359,913	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	359,913						359,913
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	359,913	-	-	-	-	-	359,913

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W0807	PROJECT TITLE: Arbour Park Booster Station Improvements		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure			
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: The Booster Station at Arbour Park is able to pressurize the system and provide adequate domestic water pressure. Fire hydrants fed by the Pump Station provide less than 500 gpm which is not acceptable for fire protection. This project will update the Pump Station and improve the fire flow to an acceptable level.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2011	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	20.0	Materials		
Est. Total Cost	398,374	Other Contracts	5295206.996	398,374
Est. Spend @ 12/31 (if underway) ¹		Total Project Cost		398,374
Balance to be funded ¹	398,374	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	398,374						398,374
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	398,374	-	-	-	-	-	398,374

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: Water	
PROJECT NO: W0503	PROJECT TITLE: Well Restoration Program		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			
DESCRIPTION & JUSTIFICATION: Restore / Redevelop Wells 11, 12, 13, 14, 15, 16, 17, 20, 23 as needed in anticipation of routine maintenance and rehabilitation.			

Well	Date of Last Rehabilitation	Date of Planned Rehabilitation	
11	2010	2018	
12	Unknown	Likely to abandon	
13	2014	2021	
14R	2012 (New)	2019	
15	2011	*TBD	*Date
16	2005	2021	
17	2013	2017	
20	2002	2016	
23	Unknown	2022	

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2005	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Ongoing	Labor		
Est. Useful Life (in years)	7.0	Materials		
Est. Total Cost	169,636	Other Contracts		169,636
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		169,636
Balance to be funded ¹	169,636	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			28,000	28,000	29,000	29,000	114,000
CAPITAL RESERVES	55,636						55,636
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	55,636	-	28,000	28,000	29,000	29,000	169,636

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: Water																					
PROJECT NO: W0403	PROJECT TITLE: Water Tank Mixing Retrofit																						
PROJECT LOCATION:		Various																					
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS																							
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure																					
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure																							
DESCRIPTION & JUSTIFICATION: Project involves the installation of mixing devices in water tanks which will provide water quality improvements. Currently, water enters and leaves our tanks from one pipe. This lack of circulation creates dead zones which contribute to a degradation of water quality due to unpredictable water age. We have performed an analysis of the available systems and selected The current installation schedule is below: <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Tank</th> <th style="text-align: left;">Schedule</th> </tr> </thead> <tbody> <tr> <td>Paper Mill Road Tank</td> <td>2014</td> </tr> <tr> <td>Louviers Tank</td> <td>2015/16</td> </tr> <tr> <td>Windy Hills Tank</td> <td>2015/16</td> </tr> <tr> <td>Dallam Road Tank</td> <td>2015/16</td> </tr> <tr> <td>Nottingham Road Tank</td> <td>2015/16</td> </tr> <tr> <td>South Well Field Finish Water Tank</td> <td>2016</td> </tr> <tr> <td>South Well Field Raw Water Tank</td> <td>2016</td> </tr> <tr> <td>Arbour Park Tank</td> <td>2017</td> </tr> <tr> <td>New London Road Tank</td> <td>2017</td> </tr> </tbody> </table>				Tank	Schedule	Paper Mill Road Tank	2014	Louviers Tank	2015/16	Windy Hills Tank	2015/16	Dallam Road Tank	2015/16	Nottingham Road Tank	2015/16	South Well Field Finish Water Tank	2016	South Well Field Raw Water Tank	2016	Arbour Park Tank	2017	New London Road Tank	2017
Tank	Schedule																						
Paper Mill Road Tank	2014																						
Louviers Tank	2015/16																						
Windy Hills Tank	2015/16																						
Dallam Road Tank	2015/16																						
Nottingham Road Tank	2015/16																						
South Well Field Finish Water Tank	2016																						
South Well Field Raw Water Tank	2016																						
Arbour Park Tank	2017																						
New London Road Tank	2017																						
SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY																					
First Year in Program	2004	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT																			
Est. Completion Date	2019	Labor																					
Est. Useful Life (in years)	7.0	Materials																					
Est. Total Cost	450,000	Other Contracts		450,000																			
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		450,000																			
Balance to be funded ¹	450,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.																					
% Complete (if underway)																							
PROJECT FINANCING BY PLAN YEAR																							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL																
CURRENT RESOURCES			168,905	100,000			268,905																
CAPITAL RESERVES	181,095						181,095																
EQUIPMENT REPLACEMENT							-																
BOND ISSUES							-																
GRANTS (Specify)							-																
OTHER (Specify)							-																
OTHER (Specify)							-																
TOTAL	181,095	-	168,905	100,000	-	-	450,000																

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: T0101	PROJECT TITLE: NPDES Phase II Stormwater Quality Improvement Program		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Environmental Remediation or Compliance with State/Federal regs			
PRIORITY: 1 - High JUSTIFY Must commit funding to meet federal or state regulations			
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 will optimize locations for BMP retrofits based on watershed imperviousness and other factors. Once this grant project is underway we will review our original installations against the recommendations and revise our schedule. We chose not to complete a 2013 project due to uncertainty associated with impending changes to our permit. We therefore skipped 2014 funding with the intention of using 2013 funds in 2014 if and when we receive our final permit. We are planning on \$40,000 annually thereafter which we will revise as necessary once we have an optimized plan from the planning grant project.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2001	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	Ongoing	Labor					
Est. Useful Life (in years)	20	Materials					
Est. Total Cost	200,000	Other Contracts	3063006.972		200,000		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost				200,000	
Balance to be funded ¹	200,000	¹ For ongoing projects, we typically estimate total spent since inception through current year to derive the balance to be funded thereafter, although for this ongoing project, only future costs are considered.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019+	TOTAL
CURRENT RESOURCES		26,640	40,000	40,000	40,000	40,000	186,640
CAPITAL RESERVES	13,360						13,360
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	13,360	26,640	40,000	40,000	40,000	40,000	200,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W0002	PROJECT TITLE: Alternative Disinfection Equipment		
PROJECT LOCATION:		Newark Water Treatment Plant	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Environmental Remediation or Compliance with State/Federal regs			
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation			
DESCRIPTION & JUSTIFICATION: This project will provide alternative disinfection equipment at the Curtis Water Treatment Plant (CWTP). The gaseous chlorine that we currently use is subject to increasing regulatory action. Replacement with less hazardous materials will eliminate the concern. This project will be started in 2014 and carry over to 2015. We are planning to replace the Gaseous chlorine with bulk sodium hypochlorite which is the same system in use at the South Well Field Treatment Plant.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2000	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	7	Materials		
Est. Total Cost	225,000	Other Contracts	5295206.9622	225,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		225,000
Balance to be funded ¹	225,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019+	TOTAL
CURRENT RESOURCES		75,000	100,000				175,000
CAPITAL RESERVES	50,000						50,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	50,000	75,000	100,000	-	-	-	225,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W9302	PROJECT TITLE: Supervisory Control And Data Acquisition (SCADA)		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Software	
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: Development of a SCADA System for the Water and Waste Water Department will allow us to more efficiently and effectively manage the utilities. We currently have four water plant operator positions that work three shifts per day, every day of the year. The four operators use a vehicle which has been lasting less than three years before wearing out from excessive mileage and use. With a SCADA System, we will be able to discuss reducing staffing and/or required overtime as there are currently more hours requiring coverage in the year than regular hours available with four operators. Recent failure of hardware (and software obsolescence) associated with the reservoir vibrating wire piezometer monitoring system have required a significant SCADA investment that was not originally planned for in previous budgets. We have therefore increased the SCADA budget for 2015 to allow us to finish out any remaining instrumentation that had to be postponed from 2014 as a result.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	270,000	Other Contracts	5295206.9622	270,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		270,000
Balance to be funded ¹	270,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		51,817					51,817
CAPITAL RESERVES	218,183						218,183
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	218,183	51,817	-	-	-	-	270,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO:	PROJECT TITLE:		
W9308	Water Main Replacement / Renovation Program		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			

DESCRIPTION & JUSTIFICATION:

Project involves either replacing mains or lining the interior to minimize main breaks, improve water quality, and improve fire flow. Water lines to be repaired will be identified closer to contract development so that we can incorporate the latest information we have on system condition and road maintenance activity.

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 is \$160 per foot which means that in order to sustainably manage our distribution network, we should be spending between \$1,000,000 and \$1,500,000 per year. That level of spending is reflected starting in 2016, after the GIS project is expected to be in service, and growing thereafter at a rate of 3% annually.

The "Water System Master Plan" project (W1303), when complete, will dramatically improve our ability to plan for and optimize this critical capital replacement program.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	1993	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Perpetual	Labor		
Est. Useful Life (in years)	75+	Materials		
Est. Total Cost	7,275,441	Other Contracts		7,275,441
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		7,275,441
Balance to be funded ¹	7,275,441	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		851,522	1,500,000	1,545,000	1,591,350	1,639,091	7,126,963
CAPITAL RESERVES	148,478						148,478
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	148,478	851,522	1,500,000	1,545,000	1,591,350	1,639,091	7,275,441

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Water
PROJECT NO: W8605	PROJECT TITLE: Water Tank Maintenance		
PROJECT LOCATION:		Various Locations	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance	
PRIORITY:	1 - High	JUSTIFY	Continue previously authorized project that is currently underway

DESCRIPTION & JUSTIFICATION:						
	GALLONS	LAST PAINTED		YEARS SINCE	PROJECTED	
		INSIDE	OUTSIDE	LAST PAINTED	REPAINT	
A. SOUTH WELL FIELD RAW	500,000	2003	2003	12	2016	\$200,000
B. SOUTH WELL FIELD FINISHED	500,000	2003	2003	12	2016	\$200,000
C. ARBOUR PARK TANK	500,000	2003	2003	12	2017	\$200,000
D. MILFORD XRDS TANK	1,000,000	1990	1990	25	2016	\$425,000 estimate
E. WINDY HILLS TANK	300,000	1997	1997	18	2015	\$530,500 estimate
F. NEW LONDON RD TANK	2,000,000	1997	1997	18	2017	\$200,000
G. PAPER MILL ROAD TANK	3,200,000	*	*	*	*	Concrete
H. DALLAM ROAD TANK	565,000	2003	2003	12	2018	\$300,000
I. NOTTINGHAM ROAD TANK	220,000	2003	2003	12	2019	\$250,000

Steel tanks require periodic painting to insure long life. Tank inspections should be completed 5 years after the most recent painting and then with increasing frequency moving forward. Inspection is covered in the operations budget

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	1986	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2019+	Labor		
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	2,305,500	Other Contracts	5295206.976	2,305,500
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		2,305,500
Balance to be funded ¹	2,305,500	¹ For ongoing projects, we typically estimate total spent since inception through current year to derive the balance to be funded thereafter, although for this project, only future spending is considered due to its long history.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		355,000	825,000	400,000	300,000	250,000	2,130,000
CAPITAL RESERVES	175,500						175,500
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	175,500	355,000	825,000	400,000	300,000	250,000	2,305,500

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	WATER AND WASTEWATER	DIVISION:	WATER
PROJECT NO:	PROJECT TITLE:		
WEQSF	EQUIPMENT REPLACEMENT PROGRAM		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)			
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: Planned advance funding accumulated through depreciation to replace essential equipment when necessary. See attached schedule.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	Ongoing	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Ongoing	Labor		
Est. Useful Life (in years)	Various	Materials		
Est. Total Cost	558,800	Other Contracts	5295206.962	558,800
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		558,800
Balance to be funded ¹	558,800	¹ For ongoing projects, we typically estimate total spent since inception through current year to derive the balance to be funded thereafter, although for this project, only future spending is considered.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			520,800	18,000	-	20,000	558,800
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	520,800	18,000	-	20,000	558,800

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**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
WATER AND WASTE WATER UTILITY**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
STAFF CARS													
212	2009 Ford Focus	04/03/09	13,489	49,719	80,000	8	2017	2017			18,000		
215	2008 Ford Focus	02/26/08	11,281	22,261	60,000	8	2016	2019					20,000
LINE TRUCKS													
202	2012 Ford F350	10/18/12	74,095	12,960	80,000	8	2020	2020					
207	2005 Int'l 7400 Dump Truck	08/05/05	95,845	25,110	36,000	8	2013	2016		158,000			
243	2006 Int'l 4300 Sewer Truck	a. 10/17/05	146,156	88,704	90,000	8	Project S1201						
PICK-UPS & VANS													
204	2002 Ford F350 Pickup	05/17/02	21,904	92,023	85,000	10	2012	2016		25,800			
206	2010 Dodge Ram 1/2 Ton 4X4	c. 06/04/10	17,813	155,976	120,000	4	2014	2014					
211	2009 Ford F250 Supercab	06/05/09	25,267	33,000	80,000	10	2019	2021					
218	2003 Chevrolet S-10 4x4 Pick	05/23/04	16,088	74,226	100,000	10	2014	2016		25,000			
224	2012 Ford F250 Pickup Truck	10/25/12	37,999	10,632	80,000	10	2022	2022					
241	2002 Dodge Ram B2500 Van	c. 03/28/02	13,547	106,922	100,000	10	2012	2014					
244	2003 Chevrolet Silverado Pick	05/23/03	17,238	83,090	100,000	10	2013	2016		25,000			
299	2013 Ford F150 Pickup	06/28/13	19,541	7,977	100,000	10	2023	2023					
OTHER EQUIPMENT													
201	1994 Ingersall Air Compressor	09/09/94	9,169	--	--	15	2009	2016		12,000			
220	2011 Case 590 SN Loader/Backhoe	10/14/11	117,701	--	--	9	2020	2020					
230	2003 Sterling SC8000 Sweeper	b. 01/09/04	99,130	47,547	60,000	8	2012	2015					
231	2008 Tennant ALTV 4300 Litter Vac	08/11/08	36,459	--	--	7	2015	2016		60,000			
250	2006 Int'l 4700 Catch Basin Clnr	12/22/05	161,375	49,309	60,000	8	2013	2016		215,000			
TOTAL WATER AND WASTE WATER UTILITY									\$0	\$520,800	\$18,000	\$0	\$20,000

- a. This vehicle will be replaced in 2014 in the Sewer Division - See Project S1201.
b. Street sweeping outsourcing. Vehicle to be retained and re-evaluated.
c. Vehicle scheduled to be replaced in 2014.

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
SEWER FUND

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
S1501	Sewer System Master Plan	\$0	\$150,000	\$150,000	\$300,000	\$0	\$0	\$0	\$0	\$300,000
S1201	Sewer Jet Truck 243 Replacement	300,000	300,000	0	300,000	0	0	0	0	300,000
S0904	Sanitary Sewer Study & Repairs	308,000	92,751	407,249	500,000	500,000	600,000	700,000	750,000	3,050,000
Total Sewer		<u>\$608,000</u>	<u>\$542,751</u>	<u>\$557,249</u>	<u>\$1,100,000</u>	<u>\$500,000</u>	<u>\$600,000</u>	<u>\$700,000</u>	<u>\$750,000</u>	<u>\$3,650,000</u>
GROSS CAPITAL IMPROVEMENTS		\$608,000	\$542,751	\$557,249	\$1,100,000	\$500,000	\$600,000	\$700,000	\$750,000	\$3,650,000
LESS: USE OF RESERVES		(188,000)	(392,751)	0	(392,751)	0	0	0	0	(392,751)
VEHICLE & EQUIPMENT REPLACEMENT		(146,156)	0	0	0	0	0	0	0	0
GRANTS		0	(150,000)	0	(150,000)	0	0	0	0	(150,000)
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		<u>\$273,844</u>	<u>\$0</u>	<u>\$557,249</u>	<u>\$557,249</u>	<u>\$500,000</u>	<u>\$600,000</u>	<u>\$700,000</u>	<u>\$750,000</u>	<u>\$3,107,249</u>

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Sewer
PROJECT NO:	PROJECT TITLE:		
S1501	Sewer System Master Plan		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY:	1 - High JUSTIFY Continue previously authorized project that is currently underway		

DESCRIPTION & JUSTIFICATION:

This project will build off of the stormwater management GIS system that is currently in development and expand it to cover the sewer system. We will use a combination of existing maps, field survey, and other data sources to build an accurate GIS database of existing sewer assets including buried infrastructure, pump stations, and other related features. This database will allow for better targeted repair and replacement of assets, creation of an advanced sewer capacity model for analysis of needed upgrades, and serve as a data warehouse for O&M manuals, maintenance history and other data relevant to efficient operation of a sewer utility. We intend to apply for a matching planning grant similar to the one received for the stormwater system. If necessary, this project can be broken up and completed in phases if we are unable to acquire full grant funding in 2015.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)		Materials		
Est. Total Cost	300,000	Other Contracts		300,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		300,000
Balance to be funded ¹	300,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		150,000					150,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)		150,000					150,000
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	300,000	-	-	-	-	300,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		DIVISION: WASTEWATER	
PROJECT NO: S1201	PROJECT TITLE: REPLACEMENT VEHICLE FOR THE SEWER JET TRUCK #243		
PROJECT LOCATION:		MAINTENANCE YARD	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Vehicle (new or replacement)	
PRIORITY: 1 - High JUSTIFY Critical component of existing equipment or vehicle replacement program			
DESCRIPTION & JUSTIFICATION: The city's current sewer flushing truck (243) lacks a vacuum feature and is not able to operate all of the equipment that we need to use, nor is the current equipment of sufficient size to effectively clean and flush debris in pipes larger than eight inches. Without a vacuum, we are forced to catch as much of the debris that we break loose as possible before it flows down stream with the potential to cause another back up. Currently, we have to contract with a private firm to operate our cutter head because we do not have sufficient water volume or pressure to pull the equipment through the pipe and spin the cutter head. The lack of pressure and water volume also cause problems when we get into pipes larger than eight inches. As the pipes get bigger, more water volume and pressure is needed to scour the pipe, pull back debris, and operate the larger pieces of equipment (root cutter/grease cleaner) needed to reach the walls of the pipe. The new truck will be outfitted with a camera system, similar to what we have now, so that the operators can see what they have done and determine if additional cleaning effort is required without having to get another piece of equipment. The old equipment will be traded in as part of the purchase of the new equipment. I will be looking at a trailer mounted jet vac pulled by a truck with box body to hold tools and camera equipment. The item will be bid/ordered in 2014 but is not expected to arrive until 2015.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS			AMOUNT	
Est. Completion Date	2015	Labor					
Est. Useful Life (in years)	7	Materials					
Est. Total Cost	300,000	Other Contracts	5395306.962			300,000	
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost					300,000
Balance to be funded ¹	300,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	300,000						300,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	300,000	-	-	-	-	-	300,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Wastewater
PROJECT NO: S0904	PROJECT TITLE: Sanitary Sewer Study and Repairs		
PROJECT LOCATION:		City Wide	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			
DESCRIPTION & JUSTIFICATION: This project funds the cleaning and investigation of the condition of the sanitary sewer system, which results in recommendations for repair. To date, in addition to the cleaning, we have identified and repaired a series of deficiencies along Rahway Drive that have significantly reduced if not eliminated the incidence of the sewer back up warning system. We are in the process of repairing another defect that we have identified along the White Clay Creek. Currently we are cleaning and investigating a problem along South Chapel and East Main Street. The next areas for cleaning and investigation include the main lines receiving flow from Kells and South Chapel. In 2015 we will be working on the Cool Run Interceptor. Without this effort we will continue to respond to emergencies as they develop without a coordinated plan to deal with the root cause of the underlying problems. The funds programmed in the out years are intended to deal with problems identified in the cleaning and investigation phase of the project. These amounts can be adjusted in the next capital budget as necessary.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2007	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2020+	Labor		
Est. Useful Life (in years)	50	Materials		
Est. Total Cost	3,387,264	Other Contracts	5395306.9580	3,050,000
Est. Spent @ 12/31 (if underway) ¹	337,264	Total Project Cost		3,050,000
Balance to be funded ¹	3,050,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		407,249	500,000	600,000	700,000	750,000	2,957,249
CAPITAL RESERVES	92,751						92,751
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	92,751	407,249	500,000	600,000	700,000	750,000	3,050,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT-GENERAL FUND

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
R1501	Automated Yard Waste Carts	\$0	\$0	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
R1401	Solar Powered Compactors	180,000	0	0	0	0	0	0	0	0
R9401	Transfer Station Closure Costs	154,170	0	77,564	77,564	0	0	0	0	77,564
REQSF	Vehicle Replacement Program	825,000	0	0	0	536,000	165,000	0	165,000	866,000
H1501	Annual Street Program	1,000,000	780,105	219,895	1,000,000	1,300,000	1,300,000	1,300,000	1,300,000	6,200,000
H1502	ADA Handicap Ramp Transition Plan	120,000	45,000	45,000	90,000	90,000	120,000	120,000	120,000	540,000
H1503	Newark Transportation Plan Implementation	0	0	20,000	20,000	50,000	50,000	50,000	50,000	220,000
H1403	Pedestrian Crossing Signalization	0	0	100,000	100,000	100,000	0	0	0	200,000
H1301	Storm Drainage Improvements	200,000	158,069	277,931	436,000	200,000	200,000	200,000	200,000	1,236,000
H1302	Country Club Drive Traffic Calming	50,000	0	50,000	50,000	0	0	0	0	50,000
H1303	Cherry Hill Manor Service Road	350,000	0	0	0	0	0	0	0	0
H0206	Municipal Bldg Parking Lot Improvements	270,000	0	0	0	270,000	0	0	0	270,000
HEQSF	Vehicle Replacement Program	193,000	0	0	0	555,000	175,000	175,000	0	905,000
T0101	NPDES Phase II Stormwater Quality	40,000	0	0	0	0	0	0	0	0
TEQSF	Vehicle Replacement Program	26,500	0	0	0	87,000	0	0	0	87,000
Total Public Works-General Fund		\$3,408,670	\$983,174	\$940,390	\$1,923,564	\$3,188,000	\$2,010,000	\$1,845,000	\$1,835,000	\$10,801,564
GROSS CAPITAL IMPROVEMENTS		\$3,408,670	\$983,174	\$940,390	\$1,923,564	\$3,188,000	\$2,010,000	\$1,845,000	\$1,835,000	\$10,801,564
LESS: USE OF RESERVES		(1,016,201)	(158,069)	0	(158,069)	0	0	0	0	(158,069)
VEHICLE & EQUIPMENT REPLACEMENT		(1,044,500)	0	0	0	(1,178,000)	(340,000)	(175,000)	(165,000)	(1,858,000)
GRANTS		(545,000)	(825,105)	0	(825,105)	(545,000)	(545,000)	(545,000)	(545,000)	(3,005,105)
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$802,969	\$0	\$940,390	\$940,390	\$1,465,000	\$1,125,000	\$1,125,000	\$1,125,000	\$5,780,390

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Refuse
PROJECT NO: R1501	PROJECT TITLE: Yard Waste Automation - Purchase of Automated Yard Waste Carts		
PROJECT LOCATION:		Various	
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Safety Initiative	
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation			

DESCRIPTION & JUSTIFICATION:

We currently provide refuse and recycling collection using a fully automated collection system but yard waste is collected by hand. Our drivers spend four days a week driving / sitting, and then are required to lift and dump thousands of 40lb yard waste cans on the fifth day. This type of heavy lifting is a contributor to back injury, and we want to make every effort to minimize the potential injury to our employees. Additionally, having one day a week where cans have to be emptied manually requires that all of our trucks be customized (at a cost of approximately \$25,000 per truck) to lower the frame to provide proper throw-over height. This customization also limits the makes and models of trucks that are available for use in the system, as only a few types can be modified as required. This project proposes to purchase and distribute 3,000 automated yard waste cans at no cost to residents. Residents who chose to purchase automated yard waste cans previously will be reimbursed by request. The cans will be green, like our other carts, but will be differentiated from trash and recycling by lid color. This will allow us to maintain one stock of carts versus two or three cart colors.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)		Materials		150,000
Est. Total Cost	150,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		
Balance to be funded ¹	150,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		150,000					150,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	150,000	-	-	-	-	150,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS		DIVISION: REFUSE	
PROJECT NO: R9401	PROJECT TITLE: TRANSFER STATION CLOSURE COSTS		
PROJECT LOCATION:		TRANSFER STATION	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Environmental Remediation or Compliance with State/Federal regs			
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation			
DESCRIPTION & JUSTIFICATION: We are no longer utilizing our transfer station. Some or all of this money will be used to officially close the facility in accordance with our operating permit from the State of Delaware. The personnel assigned to the transfer station have been deployed to other areas of our PWWR operations.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	Ongoing	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	N/A	Labor		
Est. Useful Life (in years)	N/A	Materials		
Est. Total Cost	231,734	Other Contracts	3063006.9580	231,734
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		231,734
Balance to be funded ¹	231,734	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		77,564					77,564
CAPITAL RESERVES	154,170						154,170
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	154,170	77,564	-	-	-	-	231,734

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	REFUSE
PROJECT NO:	PROJECT TITLE:		
REQSF	EQUIPMENT REPLACEMENT PROGRAM		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)			
PRIORITY: 2 - Medium 2016+ Continue previously authorized project that is currently underway			

DESCRIPTION & JUSTIFICATION:

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

Three vehicles - 410, 411, & 465 - are being replaced in 2014 with one-man packers. Two vehicles scheduled for replacement in 2015 were judged to be working order and deferred to 2016, so there are no planned replacements for 2015. However, the deferred refuse trucks are not the new model, one-man packer trucks, so the delay in the purchase also results in the delay in related efficiencies.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	Ongoing	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Ongoing	Labor		
Est. Useful Life (in years)	Various	Materials		
Est. Total Cost	866,000	Other Contracts	3063026.962	866,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		866,000
Balance to be funded ¹	866,000	¹ For ongoing projects, we typically estimate total spent since inception through current year to derive the balance to be funded thereafter, but for this project, only future costs are considered.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		-	536,000	165,000	-	165,000	866,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	536,000	165,000	-	165,000	866,000

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**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, REFUSE DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
REFUSE COLLECTION													
409	2006 Int'l 7400 One-Man Packer	09/12/05	146,659	63,216	65,000	8	2013	2016		271,000			
410	2004 Int'l 7400 One-Man Pack	a. 01/16/04	124,302	81,199	65,000	8	2012	2014					
411	2006 Int'l 7500 Refuse Truck	c. 03/29/06	151,458	69,338	65,000	8	2014	2014					
418	2008 Int'l 7400 Refuse Truck	07/29/08	117,075	36,220	65,000	8	2016	2017			165,000		
423	2009 Int'l 7400 Refuse Truck	06/11/09	151,775	53,650	85,000	8	2017	2019					165,000
453	2006 Int'l 7400 Refuse Truck	03/30/06	182,452	74,821	75,000	8	2014	2016		271,000			
454	2006 Int'l 7500 Refuse Truck	02/12/05	177,652	73,683	65,000	8	2013	2016		265,000			
456	2004 Int'l 7400 One-man Packer	c. 01/16/04	124,302	77,179	65,000	8	2012	2014					
SPECIAL COLLECTION													
440	2011 Freightliner Knuckleboom	06/17/11	116,148	26,120	100,000	10	2021	2021					
441	1997 Int'l Knuckleboom	12/31/96	67,190	--									
DISPOSAL													
412	2005 Int'l 7600 Semi Tractor	b. 10/04/04	78,487	N/A	N/A	9	2012	2014					
495	1998 Spector Tec Ejector Trailer	b. 10/02/98	34,200	--	--	15	2013	2015					
496	2003 Spector Aluminum Dump Trailer	b. 06/20/03	31,383	--	--	15	2018	2018					
497	2008 Sterling LT9500 Semi Tractor	b. 07/11/08	94,500	N/A	N/A	8	2016	2019					
498	2000 SpecTec Ejector Trailer	b. 09/15/00	34,000	--	--	15	2015	2014					
499	1999 SpecTec Closed Top Ejector Trail	b. 10/01/99	34,000	--	--	15	2014	2014					
TOTAL REFUSE DIVISION									\$0	\$536,000	\$165,000	\$0	\$165,000

a. This vehicle scheduled to be replaced in 2013 but will be replaced in 2014 due to lead time

b. All disposal vehicles will be removed from maintenance list / vehicle replacement program due to elimination of transfer station operations. Vehicle savings will fund refuse collection vehicles.

c. To be replaced in 2014

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	STREETS
PROJECT NO: H1501	PROJECT TITLE: ANNUAL STREET PROGRAM		
PROJECT LOCATION:		CITYWIDE	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			
DESCRIPTION & JUSTIFICATION: Annual program required to sustain transportation infrastructure. The City has experienced an increase in hot mix costs of more than 50% over the past ten years and has also seen a 12-15% drop in overall road condition over the same period. In 2010 we contracted with a consultant to utilize an optimization software to analyze our road survey data. This program provided the City the optimal street repair locations and methods to use for the most economical use of our funding. We are using data from the previously prepared analysis, along with internally developed road ratings, to prioritize repair locations and methods. We are currently evaluating the initial results and experiences with the optimization software to determine if we want to continue using the it in the future.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2002	CLASSIFICATION	ACCOUNT NUMBERS			AMOUNT	
Est. Completion Date	Ongoing	Labor					
Est. Useful Life (in years)	15	Materials					
Est. Total Cost	8,714,561	Other Contracts	3063006.976			6,200,000	
Est. Spent @ 12/31 (if underway) ¹	2,514,561	Total Project Cost					6,200,000
Balance to be funded ¹	6,200,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		219,895	785,000	785,000	785,000	785,000	3,359,895
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)		780,105	515,000	515,000	515,000	515,000	2,840,105
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	1,000,000	1,300,000	1,300,000	1,300,000	1,300,000	6,200,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS		DIVISION: STREETS	
PROJECT NO: H1502	PROJECT TITLE: ADA HANDICAP RAMP TRANSITION PLAN		
PROJECT LOCATION:		CITYWIDE	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Environmental Remediation or Compliance with State/Federal regs			
PRIORITY: 1 - High JUSTIFY Must commit funding to meet federal or state regulations			
DESCRIPTION & JUSTIFICATION: The US Department of Justice American with Disabilities Act (ADA) requires incorporated communities to establish a transition plan to upgrade their public facilities to ADA standards. At the start of this transition period prior to 2009, we had about 748 ramps that did not meet ADA standards and 40 locations without ramps. Since then, we have installed 40 ramps and rehabilitated approximately 248 ramps to render them ADA compliant. We currently have about 500 ramps that don't meet ADA standards. Will continue to utilize what is expected to be about \$30,000 in CDBG funding each year, pending award, and up to \$90,000 of current resources to install as many ramps as possible every year. In 2015, we are getting an early indication that \$45,000 in funding will be available. Costs to rehabilitate a ramp are roughly \$2,400 in 2014. We anticipate rehabilitating about 37 ramps in 2015.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2009	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2028	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	745,422	Other Contracts	3063006.976	540,000
Est. Spent @ 12/31 (if underway) ¹	205,422	Total Project Cost		540,000
Balance to be funded ¹	540,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter (although project costs prior to 2012 are not shown here).		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		45,000	60,000	90,000	90,000	90,000	375,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify) CDBG		45,000	30,000	30,000	30,000	30,000	165,000
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	90,000	90,000	120,000	120,000	120,000	540,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	Streets
PROJECT NO:	PROJECT TITLE:		
H1503	Newark Transportation Plan Implementation		
PROJECT LOCATION:	Various		
PROJECT STATUS (CHECK ONE):	☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):	Utility or System Infrastructure		
PRIORITY:	1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION:			
Newark City Council has approved the "Newark Transportation Plan" and "Newark Bicycle Plan" and this project intends to begin implementing the recommendations contained within each plan. We have included a smaller amount in 2015 which will be used for preliminary engineering studies and/or small projects which can be completed without a large expense or extensive engineering analysis. Some potential projects for 2015 include: 1. West Park Place Traffic Calming between South Main to South College Ave. 2. Bicycle improvements to West Park Place between South Main and South College Ave 3. Bicycle improvements to Dallam Road 4. Bicycle improvements to West Main Street 5. Pedestrian signage study to confirm compliance with the Manual on Uniform Traffic Control Devices (MUTCD)			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2019+	Labor		
Est. Useful Life (in years)	15.0	Materials		
Est. Total Cost	220,000	Other Contracts		220,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		220,000
Balance to be funded ¹	220,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		20,000	50,000	50,000	50,000	50,000	220,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	20,000	50,000	50,000	50,000	50,000	220,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	STREETS
PROJECT NO:	PROJECT TITLE:		
H1403	PEDESTRIAN CROSSING SIGNALIZATION		
PROJECT LOCATION:		DELAWARE AVENUE AND MAIN STREET	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY:	1 - High JUSTIFY Health, Safety, or Environmental Remediation		

DESCRIPTION & JUSTIFICATION:

Pedestrian crossings on Delaware Avenue and East Main Street at the UD Green cause significant traffic delay during the school year due to the unsignalized nature of the crossings and the close proximity to intersections with South College Avenue. This project proposes, through a partnership with DelDOT, to design and install a pedestrian signal at each crossing which will be directly coordinated with the lights at South College. This crossing will stop pedestrians during green signal phases on Delaware Avenue and East Main Street and allow pedestrians to cross when South College Avenue has a green light. Both DelDOT and Newark Public Works feel these signals will significantly improve the flow of traffic during the school year while at the same time reducing the risk of pedestrian accidents.

DelDOT will design and construct the signal with funding from the City. We will need to coordinate with UD on the design and construction scheduling, specifically on the Delaware Avenue crossing. Each signal is currently estimated to cost approximately \$100,000. We plan to complete the East Main Street crossing in 2015 and the Delaware Avenue crossing in 2016.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	20+	Materials		
Est. Total Cost	200,000	Other Contracts		200,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		200,000
Balance to be funded ¹	200,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		100,000	100,000	-	-	-	200,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	100,000	100,000	-	-	-	200,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Public Works and Water Resources	DIVISION:	STREETS
PROJECT NO:	PROJECT TITLE:		
H1301	Storm Drainage Improvements		
PROJECT LOCATION:		VARIOUS	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY:	1 - High	JUSTIFY	Critical Infrastructure – maintain ops & avoid failure
DESCRIPTION & JUSTIFICATION:			
Based on the conditions noted on inspection of corrugated metal pipe, it is recommended that the city contract out the inspection of all CMP inventoried in 2011. Based on notable deterioration of this type of pipe, it is recommended to budget up to \$200,000 annually until all CMP pipe is inspected, repaired or replaced as required. In addition to the above, we have experienced flooding of Paper Mill Road causing the road to close several times over the last two years. We have identified a partially failed culvert system under the park entrance over Jenny's Run which needs to be removed or replaced. We performed a preliminary alternatives analysis in 2014 that identified removal as the most cost effective solution to the problem. The preliminary cost estimate for removal of this access and associated piping is \$236,000. Addressing the flooding which causes Paper Mill Road to close is a high priority as it is one of the major roads into and out of Newark. If the stormwater infrastructure fund is created for 2015 this project will be funded from that source.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Ongoing	Labor		
Est. Useful Life (in years)	30	Materials		
Est. Total Cost	1,236,000	Other Contracts	3063006.972	1,236,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		1,236,000
Balance to be funded ¹	1,236,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		277,931	200,000	200,000	200,000	200,000	1,077,931
CAPITAL RESERVES	158,069						158,069
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	158,069	277,931	200,000	200,000	200,000	200,000	1,236,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	STREETS
PROJECT NO: H1302	PROJECT TITLE: COUNTRY CLUB DRIVE TRAFFIC CALMING		
PROJECT LOCATION:		COUNTRY CLUB DRIVE	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Safety Initiative	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			
DESCRIPTION & JUSTIFICATION: Install traffic calming measures contingent on justification by post mock-up traffic & speed counts. Danbury Intersection Improvement - \$25,000 Stamford Drive Chokers - \$25,000			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	50,000	Other Contracts		50,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		50,000
Balance to be funded ¹	50,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		50,000					50,000
CAPITAL RESERVES	-						-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	50,000	-	-	-	-	50,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS		DIVISION: STREETS
PROJECT NO: H1303	PROJECT TITLE: CHERRY HILL MANOR SERVICE ROADS	
PROJECT LOCATION: CHERRY HILL MANOR DEVELOPMENT		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Maintenance		
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway		
DESCRIPTION & JUSTIFICATION: This is a joint project between the Cherry Hill Manor Homeowners Association and the City of Newark to have the service roads within the community repaired through a City of Newark street project that will be funded initially by the City and will allow for reimbursement of fifty (50%) of the project by the homeowners over a period of ten (10) years through a special assessment. The service roads have been continually used by Newark refuse and recycling trucks and police vehicles to provide service to the neighborhood. The roads are private however they have served a public purpose for many years. The current condition is very poor or in some instances completely deteriorated. Failure to repair the service roads at this time will result in our inability to collect refuse and recycling in their near future. Consideration of switching to dumpsters has been rejected as it is seen as a service reduction to a single family neighborhood.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2013	Labor		
Est. Useful Life (in years)	30	Materials	3063006.9770	350,000
Est. Total Cost	350,000	Other Contracts		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost 350,000		
Balance to be funded ¹	350,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	130,920						130,920
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	130,920	-	-	-	-	-	130,920

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: STREETS
PROJECT NO: H0206	PROJECT TITLE: Municipal Building Parking Lot Improvements	
PROJECT LOCATION:		City Hall
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance
PRIORITY: 2 - Medium 2015+ Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: The parking lot at City Hall is showing serious signs of deterioration and poor drainage. It is proposed to remove the existing hot mix, install under drains and repave this parking lot. Current estimate is \$270,000 for full mill, curb replacement, under drain installation, ADA upgrades and repaving.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2002	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2016	Labor					
Est. Useful Life (in years)	15	Materials					
Est. Total Cost	270,000	Other Contracts	3063006.962		270,000		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost 270,000					
Balance to be funded ¹	270,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			270,000				270,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	270,000	-	-	-	270,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	STREET
PROJECT NO: HEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Vehicle (new or replacement)	
PRIORITY: 2 - Medium 2016+ Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: Planned advance funding accumulated through depreciation to replace essential equipment when necessary. See attached schedule. Vehicle #522 - 1997 Dump Truck - was replaced in 2014. No vehicles are scheduled for replacement during 2015 after deferring a 2002 International 4900 Dump Truck into 2016.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	Ongoing	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Ongoing	Labor		
Est. Useful Life (in years)	Various	Materials		
Est. Total Cost	905,000	Other Contracts	3063026.962	905,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		905,000
Balance to be funded ¹	905,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter, although for this ongoing project, only future costs are considered.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		-	555,000	175,000	175,000	-	905,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	555,000	175,000	175,000	-	905,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, STREET DIVISION**

VEH NUMB	DESCRIPTION		PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
										2015	2016	2017	2018	2019
FOREMAN'S TRUCK														
504	2012 Ford Pickup Truck 4X4		09/21/12	26,245	16,499	110,000	10	2022	2022					
515	2013 Ford F150 Pickup		06/28/13	19,994	13,654	95,000	10	2023	2023					
SIGNS & PAINTING														
551	2012 Ford F450 Stake Truck		01/20/12	50,759	21,578	100,500	8	2020	2022					
DUMP TRUCKS														
522	1997 Int'l 4900 Dump Truck	a.	01/24/97	67,965	72,992	75,000	10	2007	2014					
523	2012 International 7400 SBA	b.	10/14/11	216,985	10,663	75,000	7	2018	2018				175,000	
528	2002 Int'l 4900 Dump Truck		08/31/01	88,107	50,601	100,000	10	2011	2016		165,000			
542	2006 Ford SuperDuty F-350 Dump		08/18/06	32,046	56,313	85,000	10	2016	2017			45,000		
550	2004 Int'l Dump Truck		11/21/03	95,845	48,928	75,000	10	2013	2016		165,000			
553	2013 Intl 7400 Dump Truck/Swap Load	c.	03/28/13	216,985	6,141	80,000	10	2023	2023					
554	2004 Int'l 7400 Dump Truck		11/21/03	95,845	48,855	60,000	10	2013	2016		165,000			
OTHER EQUIPMENT														
508	2000 Tarco Windy 400 Vac Leaf Loader	d.	12/15/00	35,200	--	--								
509	2001 Tarco Windy 400 Vac Leaf Loader	d.	07/13/01	35,200	--	--								
510	2000 Tarco Windy 400 Vac Leaf Loader		02/20/98	34,689	--	--	12	2010	2016		60,000			
511	2013 Case 590 SM Loader/Backhoe		01/07/14	92,375	--	--	9	2023	2026					
531	2003 JCB Model 426 Loader		11/07/03	93,872	--	--	10	2013	2017			130,000		
TOTAL STREET DIVISION										\$0	\$555,000	\$175,000	\$175,000	\$0

- a. This vehicle's replacement was ordered in 2014. The existing #522 will be renumbered and retained as a backup vehicle.
b. This vehicle is the first swaploader purchase. Old 523, a 1997 Int'l 4900, was renumbered 552 and retained as a backup vehicle.
c. This vehicle is the second swaploader- funds from 508 and 509 (not to be replaced) were used to purchase in 2013.
d. This vehicle will not be replaced - its replacement funds were used as part of the second swap loader replacement (vehicle 553)

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: ENGINEERING
PROJECT NO: TEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway		
DESCRIPTION & JUSTIFICATION: PLANNED ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	ONGOING	Labor					
Est. Useful Life (in years)	VARIOUS	Materials					
Est. Total Cost	87,000	Other Contracts	3063026.9623		87,000		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost 87,000					
Balance to be funded ¹	87,000	¹ For ongoing projects, we try to estimate total spent since inception through current year, but for vehicles & equipment, the historical amount spent is ignored and only the future funding amount is addressed.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2018+	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			87,000				87,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	87,000	-	-	-	87,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, ENGINEERING DIVISION**

VEH NUMB	DESCRIPTION		PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
										2015	2016	2017	2018	2019
STAFF CARS														
714	2001 Dodge Ram 2500 Pickup	a.	02/09/01	22,253	79,550	85,000	10	2011	2014					
735	2002 Dodge Ram 1500 Pickup		04/26/02	13,543	74,498	80,000	10	2012	2016		21,000			
INSPECTORS														
700	2001 Jeep Cherokee 4X4		03/16/01	18,814	49,162	65,000	10	2011	2016		24,000			
711	2003 Dodge Ram 1500 Pickup		09/13/02	14,980	49,719	52,000	10	2012	2016		21,000			
748	2003 Chevrolet 1500 Pickup		06/06/03	12,488	49,947	60,000	10	2013	2016		21,000			
SURVEY VAN														
746	2013 Ford Van Transit Connect		08/30/13	21,806	4,037	99,000	10	2023	2025					
TOTAL ENGINEERING DIVISION														
										\$0	\$87,000	\$0	\$0	\$0

a. This vehicle scheduled to be replaced in 2014.

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT-MAINTENANCE FUND

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
M1401	Truck Lift Systems Improvements	\$30,000	\$0	\$95,000	\$95,000	\$0	\$0	\$0	\$0	\$95,000
M1301	UST Concrete Slab Replacement	0	0	0	0	75,000	0	0	0	75,000
M1101	Maint Yard Master Plan/Salt Shed Replacement	0	0	200,000	200,000	0	0	0	0	200,000
MEQSF	Vehicle Replacement Program	0	35,000	0	35,000	0	25,000	0	0	60,000
Total Public Works-Maintenance Fund		<u>\$30,000</u>	<u>\$35,000</u>	<u>\$295,000</u>	<u>\$330,000</u>	<u>\$75,000</u>	<u>\$25,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$430,000</u>
GROSS CAPITAL IMPROVEMENTS		\$30,000	\$35,000	\$295,000	\$330,000	\$75,000	\$25,000	\$0	\$0	430,000
LESS: USE OF RESERVES		0	0	0	0	0	0	0	0	0
VEHICLE & EQUIPMENT REPLACEMENT		0	(35,000)	0	(35,000)	0	(25,000)	0	0	(60,000)
GRANTS		0	0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		<u>\$30,000</u>	<u>\$0</u>	<u>\$295,000</u>	<u>\$295,000</u>	<u>\$75,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$370,000</u>

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: Maintenance	
PROJECT NO: M1401	PROJECT TITLE: Truck Lift System Improvements		
PROJECT LOCATION:		Maintenance Garage	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			
DESCRIPTION & JUSTIFICATION: MOBILE LIFT SYSTEM The current mobile lift system is old and parts are no longer available to make repairs in a timely manner. That we are able to repair and recertify the system often involves locating used parts. This is the only lift that is capable of lifting tandem axle trucks which make up the majority of the refuse department fleet. The new system will provide the latest technology utilizing wireless communication between the lifts to coordinate their movement versus the wired system that we currently use. These lifts are the only equipment that we have to elevate the tandem axle equipment that we have in the fleet. IN GROUND LIFT SYSTEM The current in ground large vehicle lift system has been in service for many years and has never had a complete overhaul. These repairs are necessary to insure continued safe and reliable operation so that we can continue to maintain our fleet of equipment. As we continue to make the organization more lean and efficient the condition of our equipment becomes critical to the successful delivery of services.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	15	Materials		95,000
Est. Total Cost	95,000	Other Contracts		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		95,000
Balance to be funded ¹	95,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		95,000					95,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	95,000	-	-	-	-	95,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: Maintenance	
PROJECT NO: M1301	PROJECT TITLE: UST Concrete Slab Replacement or UST Removal		
PROJECT LOCATION:		Maintenance Yard	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance	
PRIORITY: 2 - Medium 2016+			
DESCRIPTION & JUSTIFICATION: The concrete pad over the underground storage tank is cracked, chipped and spalling. This slab needs to be replaced by a certified contractor followed by testing of lines and tank. This was being considered for 2014, but the inspection went very well, and we're addressing the most critical cracks/chips alternatively with operating funds. Additionally we are discussing moving away from underground storage and may remove the tanks in favor of a fuel card system with above ground emergency fuel storage. Estimated costs: Slab repairs: \$30,000.00 UST Removal: \$75,000.00			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2016	Labor					
Est. Useful Life (in years)	20	Materials					
Est. Total Cost	75,000	Other Contracts	6006006.962		75,000		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost					75,000
Balance to be funded ¹	75,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			75,000				75,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	75,000	-	-	-	75,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PUBLIC WORKS		DIVISION: MAINTENANCE
PROJECT NO: M1101	PROJECT TITLE: Maintenance Yard Master Plan & Replacement of Salt Shed	
PROJECT LOCATION:		MAINTENANCE YARD
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation		

DESCRIPTION & JUSTIFICATION:

The old warehouse has a failing roof and is generally in very poor condition, including uninhabitable rooms and several failures of the fire protection system due to freezing. Additionally, the warehouse is not designed in a way that provides an efficient use of very limited space at the maintenance yard. With the increasing size of certain vehicles in the City fleet and the recognition that vehicles and equipment kept out of the weather last longer we feel that replacing the old warehouse with new open bay pole barns will result in a much better use of capital funds. In addition to the above, we are experiencing wall failure in the current salt shed that will likely require either extensive repairs or, worst case, condemnation of the shed due to possible structural failure. Due to NPDES requirements we need to leave the salt under cover from rainfall at all times. For this reason we will need to construct the new salt shed before we can deconstruct the old shed. The most obvious location for the salt shed replacement is in the old warehouse location. We can then construct additional storage in the location of old shed once it is demolished following construction. We plan to build a new salt shed with more capacity to avoid situations like encountered in the winter of 13-14 where we ran out of salt and none was available on the market.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2011	CLASSIFICATION	ACCOUNT NUMBERS			AMOUNT	
Est. Completion Date	2015	Labor					
Est. Useful Life (in years)	15	Materials					
Est. Total Cost	200,000	Other Contracts	6006006.962			200,000	
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost					200,000
Balance to be funded ¹	200,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		200,000					200,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	200,000	-	-	-	-	200,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Public Works and Water Resources		DIVISION: MAINTENANCE
PROJECT NO: MEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway		
DESCRIPTION & JUSTIFICATION: PLANNED ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	ONGOING	Labor					
Est. Useful Life (in years)	VARIOUS	Materials					
Est. Total Cost	60,000	Other Contracts	3063026.9623		60,000		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost				60,000	
Balance to be funded ¹	60,000	¹ For ongoing projects, we try to estimate total spent since inception through current year, but for vehicles & equipment, the historical amount spent is ignored and only the future funding amount is addressed.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2018+	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		35,000		25,000			60,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	35,000	-	25,000	-	-	60,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
PUBLIC WORKS AND WATER RESOURCES DEPARTMENT, MAINTENANCE DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
	MECHANICS												
650	2006 Ford F350 Pickup Truck	01/19/06	17,805	30,200	89,000	10	2016	2017			25,000		
652	2001 Dodge Ram Van	a. 03/09/01	17,114	86,461	75,000	10	2011	2015	35,000				
TOTAL MAINTENANCE DIVISION									\$35,000	\$0	\$25,000	\$0	\$0

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
POLICE DEPARTMENT-GENERAL FUND**

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
C1501	Leica Geosystems - Total Station	\$0	\$0	\$0	\$0	\$35,000	\$0	\$0	\$0	\$35,000
C1401	Ballistic Vests	16,500	0	3,500	3,500	29,000	6,000	3,000	17,000	58,500
C1402	Video System Upgrade-Interview Rooms	41,285	0	0	0	0	0	0	0	0
C1403	T2 Ticketing Software	65,000	0	0	0	0	0	0	0	0
C1001	Patrol Rifles	0	0	61,000	61,000	0	0	0	0	61,000
C1002	Service Weapons	26,000	0	0	0	0	0	0	0	0
C0902	Carpet Replacement	30,600	0	0	0	0	0	0	0	0
CEQSF	Vehicle Replacement Program	87,000	37,500	0	37,500	357,000	200,000	0	160,000	754,500
Total Police		\$266,385	\$37,500	\$64,500	\$102,000	\$421,000	\$206,000	\$3,000	\$177,000	\$909,000
GROSS CAPITAL IMPROVEMENTS		\$266,385	\$37,500	\$64,500	\$102,000	\$421,000	\$206,000	\$3,000	\$177,000	909,000
LESS: USE OF RESERVES		(20,776)	0	0	0	0	0	0	0	0
VEHICLE & EQUIPMENT REPLACEMENT		(128,285)	(37,500)	0	(37,500)	(357,000)	(200,000)	0	(160,000)	(754,500)
GRANTS		0	0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$117,324	\$0	\$64,500	\$64,500	\$64,000	\$6,000	\$3,000	\$17,000	\$154,500

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Police	DIVISION:
PROJECT NO: C1501	PROJECT TITLE: Leica Geosystems - Total Station	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)		
PRIORITY: 2 - Medium 2016+ Health, Safety, or Environmental Remediation		

DESCRIPTION & JUSTIFICATION:

The total station is used to analyze collision and crime scenes. The system utilizes laser measurement and GPS software to create precise and accurate scene drawings for analysis and court presentations. Presently, outside agencies are requested to take measurements at serious/fatal crashes. The Newark Police Department Evidence Detection Unit (EDU) takes hand measurements at crime scenes and creates free hand diagrams.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	10.0	Materials	3063006.9622	35,000
Est. Total Cost	35,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		
Balance to be funded ¹	35,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			35,000				35,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	35,000	-	-	-	35,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Police	DIVISION:
PROJECT NO: C1401	PROJECT TITLE: Ballistic Vests	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)		
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation		
DESCRIPTION & JUSTIFICATION: The ballistic vests are necessary to ensure the safety of police officers. The vests have a five-year expiration date.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS			AMOUNT	
Est. Completion Date	Ongoing	Labor					
Est. Useful Life (in years)	5.0	Materials	3063006.9622			58,500	
Est. Total Cost	58,500	Other Contracts					
% Complete (if underway)		Total Project Cost 58,500.00					
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		3,500	29,000	6,000	3,000	17,000	58,500
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	3,500	29,000	6,000	3,000	17,000	58,500

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Police		DIVISION:	
PROJECT NO: C1001	PROJECT TITLE: Patrol Rifles		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation			
DESCRIPTION & JUSTIFICATION: The patrol rifles currently used by the Police Department were purchased in 1997 & 1999. The department armorer has estimated the useful life of the rifles to be 10 years. The following is a breakdown of the total project costs: 46 Rifles - \$63,250 Ammunition for transition - \$22,000 Accessories (existing rifles) - \$4,750 Total: \$90,000 *The following will help to offset the cost: MP-5 Buyback - +\$6,500 Handgun Buyback - +\$22,500 Total: \$29,000 Actual Total: \$61,000			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2015	Labor					
Est. Useful Life (in years)	10.0	Materials	3063006.9622		61,000		
Est. Total Cost	61,000	Other Contracts					
% Complete (if underway)		Total Project Cost 61,000.00					
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		61,000					61,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	61,000	-	-	-	-	61,000

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Police	DIVISION:
PROJECT NO: CEQSF	PROJECT TITLE: Equipment Replacement Program	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)		
PRIORITY: 1 - High JUSTIFY Critical component of existing equipment or vehicle replacement program		

DESCRIPTION & JUSTIFICATION:

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

Vehicle #914 will be replaced in 2015. Several vehicles were initially identified for replacement in 2015, including all three 2005 Harley Davidson traffic enforcement motorcycles and vehicle #930, which is a K-9 vehicle. Only vehicle #914, a 2005 Crown Victoria patrol vehicle, remains in the 2015 budget. The patrol vehicle will be replaced with a Chevrolet Tahoe.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	Ongoing	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Ongoing	Labor		
Est. Useful Life (in years)	Various	Materials		
Est. Total Cost	754,500	Other Contracts	3063026.9623	754,500
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		754,500
Balance to be funded ¹	754,500	¹ For ongoing projects, we try to estimate total spent since inception through current year, but for vehicles & equipment, the historical amount spent is ignored and only the future funding amount is addressed.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		37,500	357,000	200,000	-	160,000	754,500
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	37,500	357,000	200,000	-	160,000	754,500

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
POLICE DEPARTMENT PAGE 1 OF 2**

VEH NUMB	DESCRIPTION		PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS					
										2015	2016	2017	2018	2019	
STAFF CARS															
921	2003 Ford Crown Victoria		07/02/03	19,938	73,153	65,000	10	2016	2016		30,000				
924	2013 Chevy Caprice PPV Patr		06/28/13	32,854	14,170	65,000	10	2022	2022						
927	2006 Ford Crown Victoria		08/11/06	23,093	53,700	75,000	10	2016	2016		30,000				
PATROL															
900	2006 Dodge Charger Sedan	a.	06/23/06	23,342	92,833	75,000	5	2011	2014						
905	2014 Chevy Caprice PPV Patrol		04/03/14	28,485	3,666	75,000	5	2019	2020						
906	2008 Ford Crown Victoria	a.	05/28/08	20,631	120,914	105,000	5	2013	2014						
907	2013 Chevy Caprice PPV Patrol		06/28/13	33,392	22,011	75,000	5	2018	2020						
909	2014 Chevy Caprice PPV Patrol		09/30/14	30,670	3,106	120,000	5	2019	2021						
910	2012 Chevy Caprice PPV Patrol		07/26/12	34,910	45,487	110,000	5	2017	2020						
914	2005 Ford Crown Victoria		03/21/05	24,568	95,687	85,000	5	2010	2015	37,500					
915	2012 Chevy Caprice PPV Patrol		08/02/12	34,882	39,555	110,000	5	2017	2020						
918	2010 Ford Crown Victoria		08/12/10	27,787	80,923	75,000	5	2015	2017			30,000			
923	2010 Ford Crown Victoria		08/12/10	28,151	76,342	75,000	5	2015	2017			30,000			
925	2010 Ford Crown Victoria		08/12/10	27,787	72,737	75,000	5	2015	2017			30,000			
926	2011 Ford Crown Victoria		07/29/11	29,584	65,321	75,000	5	2016	2019					40,000	
928	2010 Ford Crown Victoria		08/12/10	28,151	83,469	75,000	5	2015	2017			30,000			
929	2008 Ford Crown Victoria		05/28/08	21,001	59,130	100,000	5	2013	2016	30,000					
931	2012 Chevy Tahoe LS SUV		07/26/12	37,469	24,212	75,000	7	2019	2020						
935	2012 Chevy Caprice PPV Patrol		07/26/12	34,846	48,815	75,000	5	2017	2020						
936	2011 Ford Crown Victoria		01/21/11	28,373	64,780	75,000	5	2016	2019					40,000	
937	2006 Ford E-350 Super Van		12/08/06	26,800	2,926	15,000	10	2016	2021						
941	2012 Chevy Caprice PPV Patrol		10/12/12	39,103	14,673	110,000	5	2017	2020						
991	2009 Ford F250 3/4 Ton Pickup		04/24/09	37,488	41,771	80,000	10	2019	2019					40,000	
994	2008 Ford Crown Victoria		05/09/08	24,420	63,361	75,000	5	2013	2016	30,000					
998	2008 Chev Mobile Command Center		07/31/09	197,920											

a. This vehicle scheduled to be replaced in 2014.

(Continued on next page)

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
POLICE DEPARTMENT PAGE 2 OF 2**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
CRIMINAL													
911	2012 Chevy Impala	06/08/12	21,534	14,955	65,000	7	2019	2020					
912	2010 Ford Crown Victoria	05/28/10	23,474	43,958	65,000	7	2017	2017			30,000		
913	2013 Chevrolet Impala	08/09/13	22,644	15,204	65,000	7	2020	2020					
920	2011 Ford Crown Victoria	07/22/11	24,414	22,245	75,000	7	2018	2019					40,000
922	2003 Ford Crown Victoria	05/24/02	20,293	92,114	65,000	7	2009	2016		30,000			
932	2004 Ford 15 Passenger Van	03/19/04	19,307	12,696	75,000	10	2014	2016		24,000			
938	2005 Ford Excursion	01/28/08	N/A	N/A	N/A	N/A	N/A	N/A					
990	2004 Chevrolet Silverado	05/03/07	2,723	--	--	N/A	N/A	N/A					
TRAFFIC													
902	2005 Harley Davidson	06/24/05	5,911	16,994	80,000	10	2015	2016		16,000			
903	2005 Harley Davidson	06/24/05	5,911	13,655	80,000	10	2015	2016		18,000			
904	2005 Harley Davidson	05/20/05	5,911	12,148	80,000	10	2015	2016		16,000			
908	2010 Chevrolet Tahoe K1500 LS	08/05/10	35,596	44,675	90,000	7	2017	2017			25,000		
916	2011 Ford Ranger	03/09/12	21,178	44,625	80,000	8	2020	2020					
917	2006 Dodge Charger	10/13/06	23,470	83,388	75,000	7	2013	2016		36,000			
919	2010 Dodge Ram 1500 Pickup	06/04/10	18,574	61,297	90,000	7	2017	2017			25,000		
930	2008 Ford Crown Victoria	08/13/08	21,985	102,657	80,000	7	2015	2016		40,000			
934	2006 Dodge Durango	03/02/06	21,545	75,981	75,000	8	2014	2016		27,000			
939	2008 Ford Crown Victoria	08/13/08	21,985	64,577	80,000	7	2015	2016		30,000			
TOTAL POLICE DEPARTMENT									\$37,500	\$357,000	\$200,000	\$0	\$160,000

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
PARKS & RECREATION DEPARTMENT-GENERAL FUND

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
K1501	Iron Glen Park Master Plan	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
K1502	Fitness Stations	0	0	0	0	25,000	0	0	0	25,000
K1503	Tree Inventory	0	0	52,000	52,000	75,000	0	0	0	127,000
K1301	Hard Surface Facility Improvements	30,000	0	150,000	150,000	461,000	665,000	100,000	93,000	1,469,000
K1302	Hill Park Baseball Field Drainage	164,850	0	0	0	0	0	0	0	0
K1303	Facilities Accessibility	45,000	20,000	5,000	25,000	45,000	45,000	45,000	0	160,000
K1304	Maintenance Pickup Truck	0	0	30,000	30,000	0	0	0	0	30,000
K1305	Trail Improvements	65,000	0	0	0	0	65,000	0	0	65,000
K1202	Kershaw Park Lot Improvements	0	0	0	0	350,000	0	0	0	350,000
K1203	Old Paper Mill Park Improvements	0	0	0	0	600,000	1,200,000	0	0	1,800,000
K1204	Curtis Mill Park Improvements	1,304,894	0	0	0	0	0	0	0	0
K1102	Tennis/Basketball Court Light Replacements	42,000	0	0	0	0	0	0	0	0
K1005	Rittenhouse Footbridge Rehabilitation	0	0	0	0	80,000	0	0	0	80,000
K0908	Play Equip Purch-Rittenhouse,Phillips, Stafford	0	0	0	0	60,000	30,000	0	0	90,000
KEQSF	Vehicle Replacement Program	20,000	99,000	0	99,000	300,000	0	0	25,000	424,000
Total Parks & Recreation		\$1,671,744	\$119,000	\$237,000	\$356,000	\$1,996,000	\$2,055,000	\$145,000	\$118,000	\$4,670,000
GROSS CAPITAL IMPROVEMENTS		\$1,671,744	\$119,000	\$237,000	\$356,000	\$1,996,000	\$2,055,000	\$145,000	\$118,000	\$4,670,000
LESS: USE OF RESERVES		(698,880)	(20,000)	0	(20,000)	0	0	0	0	(20,000)
VEHICLE & EQUIPMENT REPLACEMENT		(15,000)	(99,000)	0	(99,000)	(300,000)	0	0	(25,000)	(424,000)
GRANTS		(803,364)	0	0	0	0	(32,500)	0	0	(32,500)
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$154,500	\$0	\$237,000	\$237,000	\$1,696,000	\$2,022,500	\$145,000	\$93,000	\$4,193,500

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1501	PROJECT TITLE: IRON GLEN PARK MASTER PLAN	
PROJECT LOCATION:		ELKTON ROAD
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure
PRIORITY: 2 - Medium 2016+		
DESCRIPTION & JUSTIFICATION: IN 1994 NEWARK ACQUIRED THIS 12.7 ACRE PARCEL. THE PURCHASE WAS PARTIALLY FUNDED BY THE DELAWARE LAND AND WATER CONSERVATION TRUST FUND (DTF). A STIPULATION WHEN USING DTF FUNDING TO ACQUIRE PROPERTY IS THAT THE PROPERTY BE UTILIZED FOR PUBLIC OUTDOOR RECREATION. FOR THE PAST 10+ YEARS THE SITE HAS BEEN USED AS ONE OF THE CITY'S LEAF AND YARD WASTE COLLECTION SITES. THAT OPERATION IS BEING RELOCATED TO THE FORMER TRANSFER STATION SITE. THIS PROJECT IS TO CREATE A MASTER PLAN FOR THE PARKLAND.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		
Est. Useful Life (in years)	50	Materials		
Est. Total Cost	50,000	Other Contracts	3063006.9620	50,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		50,000
Balance to be funded ¹	50,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES				50,000			50,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	50,000	-	-	50,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1502	PROJECT TITLE: FITNESS STATIONS	
PROJECT LOCATION:		HALL TRAIL
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)
PRIORITY: 3 - Low 2016+ Health, Safety, or Environmental Remediation		
DESCRIPTION & JUSTIFICATION: THE PARKS DEPARTMENT HAS RECEIVED SEVERAL REQUESTS TO INSTALL FITNESS STATIONS ALONG THE HALL TRAIL TO AUGMENT THE EXPERIENCE. THE STATIONS WOULD BE INSTALLED IIN THE THREE (3) CITY PARKS WHICH THE TRAIL PASSES THROUGH.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	12	Materials		
Est. Total Cost	25,000	Other Contracts	3063006.9620	25,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		25,000
Balance to be funded ¹	25,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			25,000				25,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	25,000	-	-	-	25,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1503	PROJECT TITLE: TREE INVENTORY	
PROJECT LOCATION: THROUGHOUT CITY		
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Study or Inspection to determine need or feasibility of a project or asset		
PRIORITY: 1 - High JUSTIFY Health, Safety, or Environmental Remediation		

DESCRIPTION & JUSTIFICATION:

The City has not undertaken an inventory of its trees for about 12 years. The recommended time between inventories is about seven years. The Parks & Rec Department is currently experiencing significant problems with Bacterial Leaf Scorch, which is a vascular disease that can affect various common landscape trees, but that is having the greatest impact on the City's oak population. In addition, we are in the planning stages of preparation for the arrival of the Emerald Ash Borer (EAB) to Delaware. This pest was imported from its native Asia on ash pallets/shipping materials to the midwestern states in the early 2000s, and it is migrating throughout the United States. It has been identified in Chester County, PA and Baltimore, MD. The State of Delaware began its efforts to identify EAB in 2008 and sets traps annually. <http://news.delaware.gov/2013/05/07/emerald-ash-borer-traps-ready-to-catch-invasive-forest-pest/> EAB infestation devastates ash tree populations. Tens of millions of ash trees were lost in southeast Michigan alone, and tens of millions more have been lost in the midwest and northeast United States as well as Quebec and Ontario. The first step in managing EAB is to identify the City's ash tree population and begin treating the most valuable ash trees. The 2015 "on the ground" tree inventory covers City property and streets / rights of way only. The 2016 inventory will be done using aerial imaging technology to identify the location of different types of trees within the City's entire border. We expect to engage the public, offer workshops, and work with the University of Delaware in our efforts to manage EAB.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	7	Materials		
Est. Total Cost	127,000	Other Contracts		127,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		127,000
Balance to be funded ¹	127,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		52,000	75,000				127,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	52,000	75,000	-	-	-	127,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1301	PROJECT TITLE: IMPROVEMENTS TO HARD SURFACE FACILITIES	
PROJECT LOCATION:		VARIOUS
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: THE CITY'S INVENTORY OF HARD SURFACE FACILITIES, SUCH AS MULTI-PURPOSE COURTS, STREET HOCKEY COURTS, TENNIS COURTS, PARKING LOTS, TRAILS, RAMPS, ETC. ARE EVALUATED EACH YEAR AND SCHEDULED FOR PERIOD REPLACEMENT, UPGRADES AND/OR RESURFACING. THE ATTACHED DOCUMENT EXHIBITS THE MOST RECENT SCHEDULE OF PROJECTS BY CIP YEAR. WE WILL ATTEMPT TO SECURE GRANT FUNDING WHEN POSSIBLE TO HELP FUND THE PROJECTS.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2019	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	1,469,000	Other Contracts	3063006.9620	1,469,000
Est. Spend @ 12/31 (if underway) ¹	30,000	Total Project Cost		1,469,000
Balance to be funded ¹	1,469,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		150,000	461,000	665,000	100,000	93,000	1,469,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	150,000	461,000	665,000	100,000	93,000	1,469,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Parks & Recreation
Detail for Capital Item K1301 – Improvements to Hard Surfaces

2015

Fairfield, Phillips, Handloff and Wilson Tennis Courts (10): (Clean and fill cracks, patch low areas, install asphalt glass membrane system, apply sealer and color coat and paint lines)	<u>\$150,000</u>
	150,000

2016

Phillips: Parking lot expansion due to increased use of park with the addition of the Skate Boarding facility	\$ 43,000
Dickey: Street Hockey (Clean and seal cracks, apply resurfacer, sealer and line)	15,000
Lumbrook: Multi-Purpose Court and Parking Lot Overlay and And a Ball Wall	60,000
Lewis: Parking Lot Overlay	20,000
Folk: Trail Overlay	48,000
White Chapel: Basketball Court Overlay	10,000
Wilson: Basketball Court and Parking Lot Overlay	150,000
Phillips: Multi-Purpose Court	<u>115,000</u>
	461,000

2017

Hill: Parking Lot Overlay	100,000
Handloff: Parking Lots and Multi-Purpose Court Overlay	210,000
Fairfield Crest, Kershaw and Lewis Tennis Courts (5): (Clean and fill cracks, patch low areas, install asphalt glass membrane system, apply sealer and color coat system and paint lines)	60,000

2017, Continued

Kells: Parking Lot Overlay	45,000
Folk: Trail Overlay	70,000
Fairfield: Multi-Purpose Court, Parking Lot and Driveway Overlay	<u>180,000</u>
	665,000

2018

Dickey Parking Lot Overlay	100,000
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2019

Fairfield: Tennis Courts – Slip Sheet Crushed Stone, Overlay and Net Posts	93,000
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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1303	PROJECT TITLE: FACILITIES ACCESSIBILITY (ADA COMPLIANCE)	
PROJECT LOCATION:		VARIOUS
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Safety Initiative
PRIORITY: 1 - High JUSTIFY Must commit funding to meet federal or state regulations		
DESCRIPTION & JUSTIFICATION: THIS PROJECT WILL BRING THE CITY INTO COMPLIANCE WITH FEDERAL ADA REQUIREMENTS. FEDERAL LAW NOW REQUIRES A MINIMUM OF 20% OF OUR PARK FACILITIES (BASKETBALL COURTS, TENNIS COURTS, PICNIC SHELTERS, PICNIC TABLES, BENCHES, PLAY UNITS, BLEACHERS, HARD SURFACE TRAILS) BE ADA COMPLIANT. BEGINNING IN 2014 WE HAVE TEN (10) YEARS TO MEET THE REQUIREMENT. YEAR ONE WAS 2014. <u>NOTE:</u> WILL ATTEMPT TO SECURE GRANT FUNDING		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2018	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	205,000	Other Contracts	3063006.9620	160,000
Est. Spend @ 12/31 (if underway) ¹	45,000	Total Project Cost		160,000
Balance to be funded ¹	160,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		5,000	45,000	45,000	45,000		140,000
CAPITAL RESERVES	20,000						20,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	20,000	5,000	45,000	45,000	45,000	-	160,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1304	PROJECT TITLE: MAINTENANCE PICKUP TRUCK	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Vehicle (new or replacement)		
PRIORITY: 1 - High JUSTIFY Critical component of existing equipment or vehicle replacement program		
DESCRIPTION & JUSTIFICATION: FOR SEVERAL YEARS, WE HAVE RELIED ON RETIRED PICKUP TRUCKS FROM OTHER DEPARTMENTS (ALWAYS RE-NUMBERED AS VEHICLE #1439) FOR WHICH THE CITY HAS PURCHASED REPLACEMENTS. A CONSISTENTLY AVAILABLE, RELIABLE VEHICLE IS IMPORTANT FOR OUR OPERATIONS. WE CAN EQUIP A PERMANENT VEHICLE WITH A PLOW PACKAGE TO IMPROVE OUR SNOW PLOWING OPERATIONS ONCE WE DISPOSE OF THE MOST CURRENT ITERATION OF #1439, WHICH IS A 2002 DODGE.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	10	Materials		
Est. Total Cost	30,000	Other Contracts	3063006.9623	30,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		
Balance to be funded ¹	30,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		30,000					30,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	30,000	-	-	-	-	30,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PARKS AND RECREATION	DIVISION:
PROJECT NO: K1305	PROJECT TITLE: TRAIL IMPROVEMENTS	
PROJECT LOCATION: FAIRFIELD CREST TO CREEK ROAD		
PROJECT STATUS (CHECK ONE): ☐ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Maintenance		
PRIORITY: 2 - Medium 2016+ Must commit funding to secure grant award		

DESCRIPTION & JUSTIFICATION:

SURFACE IMPROVEMENTS ON THE MAINTENANCE ROAD/TRAIL LEADING FROM FREMONT ROAD (FAIRFIELD CREST) TO CREEK ROAD. NOTE: THE MAINTENANCE ROAD IS WITHIN A UTILITY EASEMENT THE CITY HAS WITH THE UNIVERSITY OF DELAWARE. THE CITY WILL COMMIT TO MAKING THE SURFACE IMPROVEMENTS AND LONG TERM MAINTENANCE OF THE ROAD/TRAIL. WILL ATTEMPT TO SECURE GRANT FUNDING.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		
Est. Useful Life (in years)	25 YEARS	Materials		
Est. Total Cost	65,000	Other Contracts	3063006.9620	65,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		65,000
Balance to be funded ¹	65,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	0			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES				32,500			32,500
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify) DTF				32,500			32,500
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	65,000	-	-	65,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1202	PROJECT TITLE: KERSHAW PARK PARKING LOT IMPROVEMENTS	
PROJECT LOCATION: KERSHAW PARK AT THE WHITE CLAY CREEK		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Utility or System Infrastructure		
PRIORITY: 2 - Medium 2016+		
DESCRIPTION & JUSTIFICATION: THIS SITE WAS INCLUDED IN THE MASTER PLAN (COMPLETED IN 2011) FOR THE CURTIS MILL PARK AND OLD PAPER MILL ROAD PARK PROJECTS. <u>PROJECT SCOPE:</u> DESIGN AND ENGINEERING, CONSTRUCTION CONTRACT PREPARATION, CONSTRUCTION PARKING LOT, PARKING LOT ENTRANCE, CREEK ACCESS AND LANDSCAPING. THE ACQUISITION OF PROPERTY OR EASEMENT WILL LIKELY BE NECESSARY. PROJECT NO. K1202 DOES NOT INCLUDE THE COST FOR THE BIKE/PEDESTRIAN BRIDGE ACROSS THE CREEK. SEE BELOW. <u>NOTE:</u> THE MASTER PLAN INCLUDES THE CONCEPT FOR A PEDESTRIAN/BICYCLE BRIDGE (OVER THE CREEK) CONNECTING THIS PROJECT SITE TO CURTIS MILL PARK. WE HAVE SUBMITTED A REQUEST TO DELDOT TO DESIGN AND INSTALL THIS BRIDGE. DELDOT AND DNREC ARE EVALUATING A WILMINGTON TO NEWARK TRAIL. I HAVE REQUESTED THAT THIS BRIDGE BE INCLUDED IN DELDOT'S PROJECT PLAN. <u>NOTE:</u> WILL ATTEMPT TO SECURE GRANT FUNDING		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	30	Materials		
Est. Total Cost	350,000	Other Contracts	3063006.9620	350,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		350,000
Balance to be funded ¹	350,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			350,000				350,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	350,000	-	-	-	350,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1203	PROJECT TITLE: OLD PAPER MILL ROAD PARK IMPROVEMENTS	
PROJECT LOCATION:		OLD PAPER MILL ROAD
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure
PRIORITY: 2 - Medium 2016+ Other Critical Need – must describe urgency & justify immediate need		
DESCRIPTION & JUSTIFICATION: A MASTER PLAN FOR THIS SITE WAS COMPLETED IN 2011. <u>PROJECT SCOPE:</u> DESIGN ENGINEERING, CONSTRUCTION CONTRACT PREPARATION, CONSTRUCTION MANAGEMENT AND CONSTRUCTION OF PARK FACILITIES TO INCLUDE TRAILS, PARKING LOT, MULTI PURPOSE COURT PLAYUNITS, SKATE SPOT, PICNIC SHELTER, BICYCLE PUMP TRACK, LANDSCAPING AND STORM WATER MANAGEMENT. <u>NOTE:</u> WILL ATTEMPT TO SECURE GRANT FUNDING		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		
Est. Useful Life (in years)	50	Materials		
Est. Total Cost	1,800,000	Other Contracts	3063006.9620	1,800,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		1,800,000
Balance to be funded ¹	1,800,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			600,000	1,200,000			1,800,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	600,000	1,200,000	-	-	1,800,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K1005	PROJECT TITLE: FOOTBRIDGE REHABILITATION	
PROJECT LOCATION:		RITTENHOUSE PARK
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance
PRIORITY: 2 - Medium JUSTIFY Health, Safety, or Environmental Remediation		
DESCRIPTION & JUSTIFICATION: SAND BLAST AND REPAINT THE FOOTBRIDGE CROSSING THE CHRISTINA CREEK. THE BRIDGE WAS LAST REHABILITATED IN 1993. THIS BRIDGE IS A VERY IMPORTANT BICYCLE AND PEDESTRIAN CROSSING FOR OUR CHRISTINA CREEK/RITTENHOUSE PARK TRAIL SYSTEM. <u>NOTE:</u> WILL ATTEMPT TO SECURE GRANT FUNDING		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2010	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	80,000	Other Contracts	3063006.9620	80,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		80,000
Balance to be funded ¹	80,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			80,000				80,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	80,000	-	-	-	80,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: PARKS AND RECREATION		DIVISION:
PROJECT NO: K0908	PROJECT TITLE: PLAY EQUIPMENT REPLACEMENT	
PROJECT LOCATION: RITTENHOUSE, PHILLIPS AND STAFFORD PARKS		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)		
PRIORITY: 2 - Medium 2016+ Health, Safety, or Environmental Remediation		
DESCRIPTION & JUSTIFICATION: REPLACE CHILDREN'S PARK PLAY UNITS TO MEET CURRENT ASTM AND CPSC STANDARDS. EXISTING PLAY UNITS HAVE BEEN IN PLACE FOR TWELVE PLUS YEARS. <u>NOTE:</u> WILL ATTEMPT TO SECURE GRANT FUNDING		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2009	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		
Est. Useful Life (in years)	12	Materials		
Est. Total Cost	90,000	Other Contracts	3063006.9620	90,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		90,000
Balance to be funded ¹	90,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			60,000	30,000			90,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	60,000	30,000	-	-	90,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PARKS AND RECREATION	DIVISION:
PROJECT NO: KEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Vehicle (new or replacement)		
PRIORITY: 1 - High JUSTIFY Critical component of existing equipment or vehicle replacement program		
DESCRIPTION & JUSTIFICATION: PLANNED ADVANCE FUNDING TO REPLACE VEHICLES AND EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	ONGOING	Labor		
Est. Useful Life (in years)	VARIOUS	Materials		
Est. Total Cost	424,000	Other Contracts	3063006.9623	424,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		424,000
Balance to be funded ¹	424,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		99,000	300,000			25,000	424,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	99,000	300,000	-	-	25,000	424,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
PARKS AND RECREATION DEPARTMENT**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
	STAFF CARS & TRUCKS												
1427	2012 Toyota Camry Hybrid	03/19/12	24,718	7,827	70,000	10	2022	2022					
1431	2006 Ford F-250 Pickup Truck	09/02/06	22,232	42,296	50,000	10	2016	2016		30,000			
1437	1999 Dodge Caravan	a. 05/28/99	15,551	65,078	70,000	10	2009	2015	24,000				
	HORTICULTURE												
1401	2009 Ford Ranger	04/03/09	13,482	38,326	85,000	10	2019	2019					25,000
1426	2012 Ford F350 Crew Cab	07/13/12	30,639	13,402	110,000	10	2022	2024					
1435	2006 Ford F250 3/4 Ton Pickup	05/05/06	18,467	50,897	55,000	10	2016	2016		30,000			
1440	2003 Chevrolet 1500 Pickup	05/23/03	17,238	88,446	85,000	10	2013	2016		30,000			
	PARK MAINTENANCE												
1430	2009 F350 1 Ton Pick-up	05/01/09	24,950	23,800	48,000	10	2019	2021					
1433	2001 Ford F-550 Dump Truck	11/17/00	52,553	59,986	70,000	10	2010	2015	75,000				
1434	2003 Chevrolet 2500 Pickup	06/13/03	20,032	67,311	85,000	10	2013	2016		30,000			
1436	2014 Ford F-350 4X4 Pickup	11/14/13	28,819	4,990	85,000	10	2023	2023					
1439	2002 Dodge 2500 4X4 Pickup	05/03/02	24,053	90,382	--	N/A	N/A	N/A					
	OTHER												
1414	2004 Jacobsen 16" Cut Mower	01/01/04	58,795	--	--	10	2014	2016		90,000			
1415	2013 Jacobsen 16" Cut Mower	05/24/13	79,575	--	--	10	2023	2024					
1421	2009 Kubota F3080 4WD Mower	06/05/09	17,971	--	--	10	2019	2020					
1423	2011 Kubota F3080 Mower	12/29/11	27,331	--	--	10	2021	2022					
1424	2014 Walker Riding Mower 26 HP	05/28/14	24,947	--	--	10	2024	2024					
1461	2001 John Deere Landscape Loader	02/09/01	62,000	--	--	10	2011	2016		90,000			
1463	2012 Vanguard 31HP Tractor	06/29/12	55,661	--	--	20	2022	2022					
TOTAL PARKS AND RECREATION DEPARTMENT									\$99,000	\$300,000	\$0	\$0	\$25,000

a. The existing vehicle will be reclassified to Code Enforcement to serve maintenance crew. The replacement is required for Parks.

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
PARKING FUND**

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
V1501	Parking Lot #2 Expansion	\$0	\$0	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$30,000
V1401	Smart Parking Meters	341,250	0	0	0	0	0	0	0	0
V1402	Fee Collection Equipment Upgrade	0	0	155,250	155,250	0	0	0	0	155,250
V1403	Site Preparation for Lot #1 Parking Garage	145,000	140,250	9,825	150,075	0	0	0	0	150,075
V1404	Municipal Lot #1 Parking Garage (1)	0	5,500,000	0	5,500,000	8,643,900	0	0	0	14,143,900
V1405	Automatic Vehicle Identification	40,000	0	0	0	0	0	0	0	0
V1201	Second Parking Level - Lot #3	0	0	0	0	0	3,349,450	0	0	3,349,450
V1001	Parking Lot Surface Maintenance	100,000	25,000	0	25,000	0	0	31,050	100,000	156,050
V0801	Pay on Foot Revenue Control-Lot#3	0	0	0	0	414,330	0	0	0	414,330
VEQSF	Vehicle Replacement Program	23,000	0	0	0	42,000	0	0	0	42,000
Total Parking Fund		\$649,250	\$5,665,250	\$195,075	\$5,860,325	\$9,100,230	\$3,349,450	\$31,050	\$100,000	\$18,441,055
GROSS CAPITAL IMPROVEMENTS		\$649,250	\$5,665,250	\$195,075	\$5,860,325	\$9,100,230	\$3,349,450	\$31,050	\$100,000	\$18,441,055
LESS: USE OF RESERVES		0	(165,250)	0	(165,250)	0	0	0	0	(165,250)
VEHICLE & EQUIPMENT REPLACEMENT		(23,000)	0	0	0	(456,330)	0	0	0	(456,330)
GRANTS		0	0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	(5,500,000)	0	(5,500,000)	(8,643,900)	(3,349,450)	0	0	(17,493,350)
NET CAPITAL IMPROVEMENTS		\$626,250	\$0	\$195,075	\$195,075	\$0	\$0	\$31,050	\$100,000	\$326,125

(1) In the event we move forward with a parking garage, we wanted to continue showing a placeholder in the CIP budget. If the parking garage is approved, the City will seek financing options.

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Planning & Development		DIVISION: Parking
PROJECT NO: V1501	PROJECT TITLE: Parking Lot #2 expansion	
PROJECT LOCATION: Municipl Lots		
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure		

DESCRIPTION & JUSTIFICATION:

With the 58 East Main Street development and the agreement reached with the property owner through the parking waiver process to lease the parking in the rear and under the building for 99 years at \$1 per year for a monthly permit only parking lot, there is only one property left between the existing monthly permit lot #2 and the new one (58 East Main) and that is 48 - 50 East Main Street. Discussions with the land owner regarding renting the rear of the remaining property owner and determination of the viability of adding it to the municipal parking inventory have begun and seem promising. To determine the positive impact of the addition, we hired Landmark Engineering (the engineer of record for 58 East Main Street and 46 East Main Street developments) to determine what parking space inventory increase would result if 48-50 East Main were part of the system. Landmark indicates that, with lot redesign, the combined properties would provide 75 parking spaces, which is 21 more than the separate lots alone would yield. In addition, a safety issue with the very narrow accessway to Lot #2, which currently operates as an entrance and exit and causes occasional traffic conflicts, could be eliminated by making the lane one way only and allowing vehicles to exit through the 24' wide fire lane providing ingress and egress to the 58 East Main Street property. In addition, the project would allow safe pedestrian access to and from Lot #2 via another narrow driveway currently serving vehicular access to the rear of 48-50 East Main Street, and eliminate one existing curb cut along Main Street thereby improving pedestrian safety along Main Street.

I		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor	5495406.9620	10,000
Est. Useful Life (in years)	10.0	Materials	5495406.9620	20,000
Est. Total Cost	30,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		
Balance to be funded ¹	30,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		30,000					30,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	30,000	-	-	-	-	30,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO:	PROJECT TITLE:		
V1402	Fee Collection Equipment Upgrade		
PROJECT LOCATION:		Lot #3 and #4	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY:	1 - High	JUSTIFY	Critical Infrastructure – maintain ops & avoid failure

DESCRIPTION & JUSTIFICATION:

The gates, gate housing, ticket spitters and cash registers in both Lots #3 and #4 are old, and their maintenance has become problematic because the vendor (Best) no longer makes the equipment, and parts are difficult to procure in the secondary market. Best representatives have recommended replacement for several years, but we have not moved forward due to the uncertainty with inventory expansion and the ability to address the equipment replacement needs through new construction (or in the case of lot #3, pay on foot installation). New equipment will use bar code technology, which will improve reliability and allow automated validation discount to reduce cashier error, improve merchant validation billing and provide better statistics for lot utilization, peak timing, and other important metrics. Recognizing that Lot #3 fee collection is dependent on other issues, and in order to make sure we are not maintaining three different kinds of fee collection equipment in our lots, we would like to replace the equipment in Lots #3 and #4 at the same time as Lot #1 improvements are made. Therefore, we are recommending both lots' equipment for 2015 at \$77,625 each. Recognizing that undetermined inventory expansion projects may alter the timing of this project. We recommend replacing gates, gate housings, ticket spitters and cash registers.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		10,000
Est. Useful Life (in years)	20.0	Materials		145,250
Est. Total Cost	155,250	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		155,250
Balance to be funded ¹	155,250	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		155,250					155,250
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	155,250	-	-	-	-	155,250

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO:	PROJECT TITLE:		
V1403	Site Preparation for Lot #1 Parking Garage		
PROJECT LOCATION:		Lot #1	
PROJECT STATUS (CHECK ONE): ☐ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			

DESCRIPTION & JUSTIFICATION:

In an effort to increase the inventory of municipally managed parking spaces in downtown Newark, staff has been working on a 500+ space parking garage on the current surface lot #1. In order to accommodate the future garage, site work will need to be performed. Specifically, the demolition of two University of Delaware buildings currently located on the south west corner of property, which land is to be dedicated to the City for the garage as part of the Barnes and Noble bookstore parking waiver agreement. This project will involve removal of the existing buildings and site preparation and paving in order to accommodate surface parking until such time as the garage project is ready to go. Staff anticipates the new surface portion of the lot to yield approximately 50 spaces. A \$175,000 payment was made to UD for the structures in 2013. The garage project has not moved forward as quickly as we hoped and UD has requested permission not to vacate the buildings until 2015. In 2013, the Cost estimate assumed demolition costs of \$60,000 and lot construction costs totaling \$85,000 -- these have been adjusted by 3.5% for 2015 numbers.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	150,075	Other Contracts	5495406.9620	150,075
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		150,075
Balance to be funded ¹	150,075	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		9,825					9,825
CAPITAL RESERVES	140,250						140,250
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	140,250	9,825	-	-	-	-	150,075

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO: V1404	PROJECT TITLE: Lot #1 Parking Garage		
PROJECT LOCATION:	Municipal Lot #1		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 1 - High JUSTIFY Savings or Efficiency – has payback in cash or ACTIONABLE efficiency			

DESCRIPTION & JUSTIFICATION:

In order to increase the inventory of municipally managed parking spaces available in downtown Newark, staff is currently working to facilitate the construction of a 512 space parking garage on Municipal lot #1. Surface preparation to accommodate the garage is requested via CIP project # V1403. The scope of this project is the construction of the garage structure, which will include a 2,500 +/- square foot (sf) parking office and potential retail space on Delaware Avenue. Cost estimate is based on an estimate of \$18,500 per parking space (512 x \$18,500 = 10,972,000) plus \$1.5 million for facade improvements, 20% in contingencies, equipment and fit outs, \$850,000 for the 2,500sf parking office and 5,000sf of shell space. The total estimated project cost is greater than the original 2014 CIP project estimate. Rough engineering estimates showed that the cost per space should be less than anticipated in planning for the 2014 CIP budget, but additional costs were added to account for design, engineering, facade improvements, retail space, and very conservative contingency buffers. The timing of the expenditures is unknown and depends on Council approval, the timing of the closing of the ongoing land swap negotiations, and other factors. Funds other than the City's capital budget will be sought to construct the garage, including third-party lease financing, debt, reserve funding, or some combination of funding sources.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	30	Materials		
Est. Total Cost	14,143,900	Other Contracts	5495406.9621	14,143,900
Est. Spend @ 12/31 (if underway) ¹		Total Project Cost		14,143,900
Balance to be funded ¹	14,143,900	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify) - 3rd party		5,500,000	8,643,900				14,143,900
OTHER (Specify)							-
TOTAL	-	5,500,000	8,643,900	-	-	-	14,143,900

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO:	PROJECT TITLE:		
V1201	Second Parking Level - Lot #3		
PROJECT LOCATION:		Municipal Lot #3	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY: 2 - Medium 2016+			

DESCRIPTION & JUSTIFICATION:

This project was originally submitted to increase the downtown parking supply by creating a second level of parking in Lot #3. The project did not move forward, except to build the Center Street entrance and required parking appurtenances. Because we are working on a Lot #1 parking garage, which will, if built, increase the inventory, we pushed the remainder of the project (complete lot repaving and a second level of parking on the lot) to 2017. As Lot #1 Garage planning is still moving forward but is not yet settled, we recommend the second level of parking and lot reconstruction be pushed further to the 2017 CIP, while recognizing that if we do proceed with the Lot #1 structure, the second level in Lot #3 may not be necessary for an indefinite period of time, but the lot reconstruction component of the project should remain in 2017 (post completion of the Lot #1 Garage). The figures have not been adjusted for inflation. *** NOTE*** In 2016, a staff report is required to determine if the six net new spaces provided in Lot #3 by the Center Street entrance improvement funded through the 2013-2017 CIP are still necessary to the overall parking inventory.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor		
Est. Useful Life (in years)	25.0	Materials		
Est. Total Cost	3,349,450	Other Contracts	5495406.9620	3,349,450
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		
Balance to be funded ¹	3,349,450	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)				3,349,450			3,349,450
OTHER (Specify)							-
TOTAL	-	-	-	3,349,450	-	-	3,349,450

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO:	PROJECT TITLE:		
V1001	Parking Lot Surface Maintenance		
PROJECT LOCATION:		Municipal Lots	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			

DESCRIPTION & JUSTIFICATION:

Based on cost estimates provided by PWWR, a program has been established for municipal parking lot surface maintenance for each facility on a ten year cycle. Lot #4 was scheduled to be completely redone in 2014, but PWWR inspection indicates that full reconstruction is not necessary at this time, especially because a large portion of the lot was redone as part of the Kate's Place project. Therefore, the project has been deferred until 2015, when it will be included in the annual street contract with a reduced scope. Specifically, PWWR indicates that the parking lot will adequately be served by repaving the Center Street entrance and the main drive aisle, which receives considerable wear and tear from trash trucks accessing the dumpsters. The 2015 repaving will also include engineering work to restripe the lot in a way that will increase space count. PWWR recommends the delay of full reconstruction of Lot #4 until 2019. Based on the 10 year maintenance cycle, the remaining lots should be submitted as follows: 2015 - Lot #3 (as part of V1201) and 2016 - Lot #2. However, as noted in project V1201 and depending on the timing of the potential Lot #1 Garage construction, these dates must be flexible to allow for full use of all remaining municipal lots during Lot #1 construction, if necessary. Therefore, we recommend deferring Lot #3 to 2017 (as part of V 1201); and as Lot #2 will receive significant improvements with the expansion described in V1501, Lot #2 is recommended to be deferred to 2018. Lot #4 is now scheduled for full reconstruction in 2019 and Lot #1 in 2020 (if a garage is not built there).

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2010	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2019+	Labor		
Est. Useful Life (in years)	10.0	Materials		
Est. Total Cost	156,050	Other Contracts	5495406.9620	156,050
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		156,050
Balance to be funded ¹	156,050	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		-			31,050	100,000	131,050
CAPITAL RESERVES	25,000						25,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	25,000	-	-	-	31,050	100,000	156,050

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO: V0801	PROJECT TITLE: Pay on Foot Revenue Control		
PROJECT LOCATION:		Municipal Lot #1 and #3	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY: 2 - Medium 2016+			

DESCRIPTION & JUSTIFICATION:

Based on the increase in revenue resulting from the automation of Lot #1, the next facility planned for pay on foot revenue control is Lot # 3. Implementation may decrease labor costs (elimination of part-time cashiers, however, in our experience, automated parking lots do not necessarily translate to unattended parking lots because of the possibility of equipment malfunction and customer error), should increase revenues, and will improve security and financial control. The project was originally submitted in 2008, and later deferred to 2016, because the Parking Garage Needs Assessment Study concluded the City should be focusing its efforts on increasing the supply of parking spaces available downtown, and this project does not increase the inventory. However, we continue to recommend keeping this project in the 5-year plan, because if we do not build a parking garage in Lot #1 and therefore do not replace the pay of foot equipment there through the garage construction, we will have to replace it in 2016 regardless. The Lot #1 equipment was installed in 2003 and is antiquated technology in the world of pay on foot equipment and should be replaced. Therefore, we recommend that this project description refer to either lot 3 or 1, depending on which site is selected for a parking structure, where it will be included as part of the construction. The estimates have been adjusted for inflation, and because it was originally anticipated as a new fee collection method for Lot 3, the project includes associated lot improvements - curbs, access lanes, signage, conduit, security cameras, etc. (\$130,275). The estimate for equipment replace alone (Lot # 1) is \$284,055.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2008	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	12.0	Materials	5495406.9622	284,055
Est. Total Cost	414,330	Other Contracts	5495406.9621	130,275
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		414,330
Balance to be funded ¹	414,330	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			414,330				414,330
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	414,330	-	-	-	414,330

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO: VEQSF	PROJECT TITLE: Vehicle Replacement Program		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: Vehicles estimated for replacement in 2016.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	Ongoing	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	Ongoing	Labor		
Est. Useful Life (in years)	Various	Materials		
Est. Total Cost	42,000	Other Contracts	5495406.962	42,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		42,000
Balance to be funded ¹	42,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			42,000				42,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	42,000	-	-	-	42,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
PLANNING DEPARTMENT, PARKING DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
1100	2003 1500 Chev Pickup	05/23/03	14,807	29,079	55,000	10	2013	2016		21,000			
1101	2001 Dodge 2500 Van	a. 05/18/01	17,114	57,187	80,000	10	2011	2014					
1102	2000 Ford Crown Victoria	08/11/00	19,851	40,938	65,000	12	2012	2016		21,000			
TOTAL PARKING DIVISION									\$0	\$42,000	\$0	\$0	\$0

a. This vehicle scheduled to be replaced in 2014.

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
ADMINISTRATIVE DEPARTMENT - INFORMATION TECHNOLOGY DIVISION

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM						
		2014	RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		BUDGET	OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
I1501	SQL High-Availability Cluster Environment	0	0		0	40,000	0	0	0	40,000
I1502	Audiolog for 911 Dispatch Recording	0	0	25,000	25,000	0	0	0	0	25,000
I1503	SharePoint File Server Replacement	0	0	0	0	40,000	0	0	0	40,000
I1504	Harris Cityview Cashiering	0	0	25,000	25,000	0	0	0	0	25,000
I1505	IT Department Workspace Improvements	0	0	0	0	40,000	0	0	0	40,000
I1506	Avrio Pivot3 Cloudbank 24TB Server	0	0	25,000	25,000	0	0	0	0	25,000
I1507	Munis SAAS HR/Billing/Work Order Software	0	0	139,542	139,542	0	0	0	0	139,542
I1508	Gasboy Pump Station Replacement	0	0	0	0	25,000	0	0	0	25,000
I1509	Web Filter Proxy Solution	0	0	29,000	29,000	0	0	0	0	29,000
I1401	Virtualization Environment	102,300	0	0	0	0	0	0	0	0
I1404	ArcGIS Server	61,520	0	0	0	0	0	0	0	0
I1405	Enterprise Voice Phone System	100,000	0	0	0	0	0	0	0	0
Total Information Technology Division		\$263,820	\$0	\$243,542	\$243,542	\$145,000	\$0	\$0	\$0	\$388,542
GROSS CAPITAL IMPROVEMENTS		\$263,820	\$0	\$243,542	\$243,542	\$145,000	\$0	\$0	\$0	\$388,542
LESS: USE OF RESERVES		0	0	0	0	0	0	0	0	0
VEHICLE & EQUIPMENT REPLACEMENT		(125,628)	0	0	0	0	0	0	0	0
GRANTS		0	0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$138,192	\$0	\$243,542	\$243,542	\$145,000	\$0	\$0	\$0	\$388,542

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO: IT1501	PROJECT TITLE: SQL Server High-Availability Cluster Environment		
PROJECT LOCATION:		Municipal Building	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Software	
PRIORITY: 2 - Medium 2016+ Critical Infrastructure – maintain ops & avoid failure			

DESCRIPTION & JUSTIFICATION:

The City of Newark relies heavily on several key software programs (Line-of-Business Applications). These line-of-business applications include CityView, NorthStar and Munis. All of these applications utilize a database back-end which currently resides in Microsoft SQL Database. When these applications were implemented, they followed an incorrect method to achieve the most reliability and performance from SQL.

It is our plan to implement redundant, high performance physical servers, along with an updated Microsoft SQL Server to provide the necessary fault-tolerance and speed increase that is necessary to improve the operation of these three applications.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	4.0	Materials	3063006.9622	40,000
Est. Total Cost	40,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		40,000
Balance to be funded ¹	40,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			40,000				40,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	40,000	-	-	-	40,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO: IT1502	PROJECT TITLE: Audiolog for 911 Dispatch Recording		
PROJECT LOCATION:		Police Department	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Software	
PRIORITY:		1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure	

DESCRIPTION & JUSTIFICATION:

This is a replacement to an existing server used by the City of Newark Police Dispatch Department. This server is responsible for recording all communications via phone and radio. The existing server is now defunct and operates only on Windows XP. Windows XP ended its life of support with Microsoft in April 2014.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	4.0	Materials	3063006.9622	25,000
Est. Total Cost	25,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		25,000
Balance to be funded ¹	25,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		25,000					25,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	25,000	-	-	-	-	25,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Administration		DIVISION: Information Technology
PROJECT NO: IT1503	PROJECT TITLE: SharePoint File Server Replacement	
PROJECT LOCATION:		Municipal Building
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Software
PRIORITY: 2 - Medium 2016+ IT – Critical Software Upgrade		

DESCRIPTION & JUSTIFICATION:

The city currently operates a Windows File System which includes multiple folders, shares and mapped drives. As the City's computer use continues to grow, we face challenges of maintaining proper security and organization to our file system. We have already seen instances where files/folders are inadvertently copied or moved which requires significant time to be spent to repair.

Microsoft SharePoint is a graphical user interface (GUI) using advanced web sites to provide a much easier method to organizing files. It is our plan to migrate all of the City's file data to this new SharePoint environment. Users would then access their files through a common website interface, rather than via mapped drives.

This will also allow the City to consolidate files from its many file servers (a need at one time) to a single source for data.

This project will be very time consuming for IT and will require all City staff to assist in the data migration.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	5.0	Materials	3063006.9622	40,000
Est. Total Cost	40,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		40,000
Balance to be funded ¹	40,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			40,000				40,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	40,000	-	-	-	40,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO: IT1504	PROJECT TITLE: Harris CityView Cashiering		
PROJECT LOCATION:		Municipal Building	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Software	
PRIORITY: 1 - High JUSTIFY Savings or Efficiency – has payback in cash or ACTIONABLE efficiency			

DESCRIPTION & JUSTIFICATION:

The Harris CityView Cashiering module would provide our Code Enforcement/Customer Service Teams the ability to accept payments directly within CityView. Due to past security audits, separation of duties was required to properly control the taking of payments and the approval of permits. Due to this, an inefficiency has been highlighted that has customers (residents and contractors) needing to visit multiple departments to submit, retrieve and pay for permits.

Also, this application will allow the City to process multiple permits at one time (batch process). This is generally viewed as a major time and effort saver.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	2.0	Materials	3063006.9622	25,000
Est. Total Cost	25,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		25,000
Balance to be funded ¹	25,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		25,000					25,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	25,000	-	-	-	-	25,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO: IT1505	PROJECT TITLE: IT Department Workspace Improvements		
PROJECT LOCATION:		Municipal Building	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY: 2 - Medium 2016+ Must undertake project to meet or remediate service level			

DESCRIPTION & JUSTIFICATION:

The City of Newark IT Department, which essentially started in January 2014, has outgrown its current office space. We have also not been able to provide our staff with sufficient desk furniture. As such, we do not have workspaces for our team. This CIP is designed to provide an overhaul to the workspace environment. This also includes the need to properly secure all IT equipment. Without storage rooms available at the City, it is necessary to build a surround wall for the IT Department and properly secure door access during nights and weekends.

Detail

7 Cubicles, 1 Manager's Workstation, 2 Walls, 1 Door, 1 Large Window

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2016	Labor					
Est. Useful Life (in years)	5.0	Materials	3063006.9622		40,000		
Est. Total Cost	40,000	Other Contracts					
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost				40,000	
Balance to be funded ¹	40,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			40,000				40,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	40,000	-	-	-	40,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO: IT1506	PROJECT TITLE: Avrio Pivot3 Cloudbank 24TB Server		
PROJECT LOCATION:		Police / Municipal Building	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Software	
PRIORITY: 1 - High JUSTIFY Critical Infrastructure – maintain ops & avoid failure			

DESCRIPTION & JUSTIFICATION:

Pivot3 - CB-D2012ST020-72 - Cloudbank 24 24tb Server

This server is required to consolidate all of the City's cameras (see below) into one software and server system that can be utilized by all departments (as permitted).

- a. Municipal Building (OnGuard) (12)
- b. City Wi-Fi Mesh (7)
- c. Main Street Wi-Fi (12)
- d. License Plate Readers (2)

This solution does not encompass Parking Division Cameras at this time.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	3.0	Materials	3063006.9622	25,000
Est. Total Cost	25,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		25,000
Balance to be funded ¹	25,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		25,000					25,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	25,000	-	-	-	-	25,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Administration		DIVISION: Information Technology	
PROJECT NO: IT1507	PROJECT TITLE: Munis SAAS HR/Billing/Work Order System		
PROJECT LOCATION:		Municipal Building	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Software	
PRIORITY: 1 - High JUSTIFY Must undertake project to meet or remediate service level			

DESCRIPTION & JUSTIFICATION:

The City of Newark uses an advanced application for Human Resource Management and for Finance (Accounting). This application is called Tyler Technologies Munis. This CIP is partnered with the Operation Expense line item for moving Munis from an on-premise server to the Cloud. Munis Software-as-a-Service (SAAS) will also include many new features that the City has determined to be a great need, including the following.

Work Orders, Fleet & Facility, Maplink Integration, BMI Collect It, BMI Trak It, Central Property File, Tyler Reporting Services, Citizen Self Services, Applicant Tracking, Employee Self Service, General Billing, eProcurement (Vendor Self Service), Tyler Content Manager SE

Please be aware that this cost is only for the purchase of the applications, not for the ongoing implementation, SAAS hosting and vendor support that is outlined in the Operational Expenses Budget.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	5.0	Materials	3063006.9622	139,542
Est. Total Cost	139,542	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		139,542
Balance to be funded ¹	139,542	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		139,542					139,542
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	139,542	-	-	-	-	139,542

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Administration		DIVISION: Information Technology
PROJECT NO: IT1508	PROJECT TITLE: GasBoy Pump Station Replacement	
PROJECT LOCATION:		Maintenance Yard
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)		
PRIORITY: 2 - Medium 2016+ Must undertake project to meet or remediate service level		

DESCRIPTION & JUSTIFICATION:

It has been determined that to continue using our existing City maintained fuel system at the City Maintenance Yard, an upgrade to the 14 year old GasBoy system is required. The system is beyond end of life, and the inefficiencies of using the antiquated system is preventing us from properly using the system as it was designed. Replacing the existing Gasboy 1000 fuel system with a current Gasboy system. We propose the following:

- Remove and properly dispose the existing fuel system
- Install a new Gasboy Islander Plus hardware on the island
- Connect existing fuel pumps to the new system
- Install required Gasboy software
- System comes standard with Ethernet communications ability
- Supply 100 Gasboy keys
- Supply Gasboy Key encoder
- Supply complete factory authorized startup of system and equipment
- First year software agreement included.

Additional Costs include network wiring, wireless point to point and labor.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	5.0	Materials	3063006.9622	25,000
Est. Total Cost	25,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		25,000
Balance to be funded ¹	25,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			25,000				25,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	25,000	-	-	-	25,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO: IT1509	PROJECT TITLE: Web Filter Proxy Solution		
PROJECT LOCATION:		Municipal Building	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY: 1 - High JUSTIFY Must undertake project to meet or remediate service level			

DESCRIPTION & JUSTIFICATION:

Due to PCI Compliance issues, it is necessary to monitor, control and audit access to the internet. Installable Agents also allow for off-site security as well (taking laptops and tablets home or to the field). 29K for Barracuda, 21K for OpenDNS (3 years of each product)

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	3.0	Materials	3063006.9622	29,000
Est. Total Cost	29,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		29,000
Balance to be funded ¹	29,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES		29,000					29,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	29,000	-	-	-	-	29,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2015-2019
OTHER DEPARTMENTS-GENERAL FUND**

		-----2015-----		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM					
		RESERVES &	CURRENT	R E C O M M E N D E D F U N D I N G					
		OTHER FUNDING	FUNDING	2015	2016	2017	2018	2019	TOTAL
		2014 BUDGET							
A1401	Retrofit of Door Locks	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
A1403	Fire Suppression System Upgrade	26,400	0	0	0	0	0	0	0
A1404	Building Security Equipment	82,400	0	0	0	0	0	0	0
A1405	Server Room Upgrade	75,900	0	0	0	0	0	0	0
AEQSF	Vehicle Replacement Program	0	0	0	0	20,000	0	0	20,000
B1501	Fire Alarm Panel Replacement	0	0	0	75,000	0	0	0	75,000
B1502	Buildings/Facilities Maintenance Vehicle	0	0	0	23,200	0	0	0	23,200
BEQSF	Vehicle Replacement Program	0	0	0	77,000	95,000	0	0	172,000
F1401	iNova Harris System Integration	145,000	0	0	0	0	0	0	0
Total Other Departments		<u>\$529,700</u>	<u>\$0</u>	<u>\$0</u>	<u>\$175,200</u>	<u>\$115,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$290,200</u>
GROSS CAPITAL IMPROVEMENTS		\$529,700	\$0	\$0	\$175,200	\$115,000	\$0	\$0	\$290,200
LESS: USE OF RESERVES		0	0	0	0	0	0	0	0
VEHICLE & EQUIPMENT REPLACEMENT		0	0	0	(77,000)	(115,000)	0	0	(192,000)
GRANTS		0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET CAPITAL IMPROVEMENTS		<u>\$529,700</u>	<u>\$0</u>	<u>\$0</u>	<u>\$98,200</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$98,200</u>

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ADMINISTRATION	DIVISION:	MANAGEMENT
PROJECT NO: AEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: PLANNED ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	ONGOING	Labor					
Est. Useful Life (in years)	VARIOUS	Materials					
Est. Total Cost	20,000	Other Contracts	3063026.9623		20,000		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost 20,000					
Balance to be funded ¹	20,000	¹ For ongoing projects, we try to estimate total spent since inception through current year, but for vehicles & equipment, the historical amount spent is ignored and only the future funding amount is addressed.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2018+	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT				20,000			20,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	20,000	-	-	20,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Code Enforcement
PROJECT NO: B1501	PROJECT TITLE: Fire Alarm Panel Replacement		
PROJECT LOCATION:		Municipal Building - 220	
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY: 2 - Medium 2016+ Health, Safety, or Environmental Remediation			

DESCRIPTION & JUSTIFICATION:

The existing fire alarm panel in City Hall is more than 40 years old and replacement parts are difficult to locate. The trouble indicator lights are burned out, rendering the system incapable of diagnosing the problem when the system is not working. The system has survived well past its useful life, but now the danger of failure concerns the division. Fortunately, replacement parts were located and procured late in 2014 to keep the system working for the foreseeable future. However, to promote health and safety, the panel should be replaced by 2016.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	15.0	Materials		
Est. Total Cost	75,000	Other Contracts	3063006.9621	75,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		75,000
Balance to be funded ¹	75,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			75,000				75,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	75,000	-	-	-	75,000

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Code Enforcement
PROJECT NO: B1502	PROJECT TITLE: Buildings/Facilities Maintenance Vehicle		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Vehicle (new or replacement)			
PRIORITY: 2 - Medium 2016+			
DESCRIPTION & JUSTIFICATION: Although we understand that we will be inheriting Vehicles #1417 and #711, which we will use to transport the part time maintenance employees to the various facilities they will be cleaning and maintaining, we are unsure of the condition of either vehicle. To ensure efficiency and continuity of operations, we believe it is prudent to include a new vehicle for redundancy. We recommend a long bed pick up truck with 4 wheel drive, 3/4 ton to carry added weight.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2015	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor		
Est. Useful Life (in years)	12.0	Materials		
Est. Total Cost	23,200	Other Contracts	3063006.9623	23,200
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		23,200
Balance to be funded ¹	23,200	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)	N/A			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2019	TOTAL
CURRENT RESOURCES			23,200				23,200
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	23,200	-	-	-	23,200

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PLANNING & DEVELOPMENT	DIVISION:	CODE ENFORCEMENT
PROJECT NO: BEQSF	PROJECT TITLE: EQUIPMENT REPLACEMENT PROGRAM		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY: 1 - High JUSTIFY Continue previously authorized project that is currently underway			
DESCRIPTION & JUSTIFICATION: PLANNED ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	ONGOING	Labor					
Est. Useful Life (in years)	VARIOUS	Materials					
Est. Total Cost	172,000	Other Contracts	3063026.9623		172,000		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost				172,000	
Balance to be funded ¹	172,000	¹ For ongoing projects, we try to estimate total spent since inception through current year, but for vehicles & equipment, the historical amount spent is ignored and only the future funding amount is addressed.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2015	2016	2017	2018	2018+	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			77,000	95,000			172,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	77,000	95,000	-	-	172,000

²"Prior" refers to that portion of project funding that was authorized in a prior year but which is not expected to be spent through 12/31 of the current year. Accordingly, Council is not required to authorize budget year funding for that portion, but that portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2015-2019
OTHER DEPARTMENTS**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 09/30/2014	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	EST YR TO BE REPL	REPLACEMENT COSTS				
									2015	2016	2017	2018	2019
CODE ENFORCEMENT DIVISION:													
803	2007 Dodge Durango	02/09/07	20,545	23,792	70,000	9	2016	2017			25,000		
804	2005 Dodge Neon Sedan	05/12/05	10,043	49,806	70,000	12	2017	2020					
827	2008 Ford Focus Sedan	06/06/08	11,281	55,202	60,000	9	2017	2017			20,000		
836	2002 Jeep Liberty	04/26/02	18,541	76,737	75,000	12	2014	2016		27,000			
837	2000 Jeep Cherokee	05/26/00	18,814	73,865	70,000	12	2012	2016		25,000			
838	2009 Ford Focus	04/03/09	12,369	16,966	75,000	12	2021	2021					
839	2001 Jeep Cherokee	02/09/01	18,814	48,874	65,000	12	2013	2017			25,000		
840	2001 Jeep Cherokee	02/09/01	18,814	36,425	65,000	12	2013	2017			25,000		
841	2004 Ford E250 Van	a. 07/08/04	14,196	52,661	64,000	12	2016	2016		25,000			
TOTAL CODE ENFORCEMENT DIVISION									\$0	\$77,000	\$95,000	\$0	\$0
ADMINISTRATIVE DEPARTMENT:													
1201	2008 Ford Focus	b. 04/11/08	11,281	44,900	75,000	12	2020	2020					
1202	2001 Chevy Cavalier	c. 02/09/01	11,397	74,956	60,000	12	2013	2017			20,000		
TOTAL ADMINISTRATIVE DEPARTMENT									\$0	\$0	\$20,000	\$0	\$0
FINANCE DEPARTMENT:													
1056	2009 Ford Focus	04/03/09	12,369	46,168	75,000	12	2021	2021					
TOTAL FINANCE DEPARTMENT									\$0	\$0	\$0	\$0	\$0
TOTAL OTHER DEPARTMENTS									\$0	\$77,000	\$115,000	\$0	\$0
a. Vehicle was number 1417 in Parks & Recreation Department													
b. Vehicle was number 1017 in Finance Department													
c. Vehicle was number 1018 in Finance Department													

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CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENT PROGRAM
2015-2019

