

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

Presented to City Council November 11, 2013

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

SUMMARY

Presented to City Council November 11, 2013

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY
2014 -2018**

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

	AMENDED BUDGET 2013	CAPITAL RESERVES	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
			2014	2015	2016	2017	2018	
ELECTRIC FUND	\$ 909,000	\$ 142,290	\$ 1,393,790	\$ 1,571,000	\$ 711,000	\$ 545,000	\$ 1,173,000	\$ 5,393,790
WATER FUND	1,364,600	1,291,796	3,805,000	5,019,500	4,746,800	2,454,500	2,439,000	18,464,800
SEWER FUND	160,000	188,000	608,000	500,000	400,000	400,000	400,000	2,308,000
PUBLIC WORKS-GENERAL FUND	2,325,500	1,016,201	3,408,670	2,498,500	2,509,000	2,000,000	2,000,000	12,416,170
PUBLIC WORKS-MAINTENANCE FUND	45,000	-	30,000	213,000	-	25,000	-	268,000
POLICE DEPARTMENT	154,000	20,776	266,385	315,000	109,000	205,000	3,000	898,385
PARKS & RECREATION DEPARTMENT	1,070,000	698,880	1,671,744	1,094,000	1,533,000	1,580,000	145,000	6,023,744
PARKING FUND	-	-	649,250	8,171,000	4,451,320	3,349,450	-	16,621,020
OTHER DEPARTMENTS	361,455	-	932,520	150,900	-	135,000	-	1,218,420
	<u>\$ 6,389,555</u>	<u>\$ 3,357,943</u>	<u>\$ 12,765,359</u>	<u>\$ 19,532,900</u>	<u>\$ 14,460,120</u>	<u>\$ 10,693,950</u>	<u>\$ 6,160,000</u>	<u>\$ 63,612,329</u>

PLANNED FINANCING SOURCES

GROSS CAPITAL IMPROVEMENTS	\$ 6,389,555	\$ 3,357,943	\$ 12,765,359	\$ 19,532,900	\$ 14,460,120	\$ 10,693,950	\$ 6,160,000	\$ 63,612,329
LESS: USE OF RESERVES	(428,000)	(3,357,943)	(3,357,943)	-	-	-	-	(3,357,943)
VEHICLE & EQUIPMENT REPLACEMENT	(1,106,600)	-	(1,750,569)	(2,204,000)	(1,402,800)	(698,000)	(638,000)	(6,693,369)
GRANTS	(795,000)	-	(1,348,364)	(545,000)	(545,000)	(545,000)	(545,000)	(3,528,364)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	(1,500,000)	(9,500,000)	(5,500,000)	(4,849,450)	(1,500,000)	(22,849,450)
NET CAPITAL IMPROVEMENTS	<u>\$ 4,059,955</u>	<u>\$ -</u>	<u>\$ 4,808,483</u>	<u>\$ 7,283,900</u>	<u>\$ 7,012,320</u>	<u>\$ 4,601,500</u>	<u>\$ 3,477,000</u>	<u>\$ 27,183,203</u>

CITY OF NEWARK, DELAWARE
SUMMARY OF VEHICLE AND EQUIPMENT REPLACEMENT PROGRAM SCHEDULE
CAPITAL PROGRAM YEARS 2014 - 2018

<u>VEHICLES BY DEPARTMENT/DIVISION</u>	<u>REPLACEMENT COSTS</u>					<u>TOTAL</u>
	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	
ELECTRIC	\$ 206,000	\$ 564,500	\$ -	\$ -	\$ 298,000	\$ 1,068,500
WATER	45,000	287,000	398,800	18,000	-	748,800
PUBLIC WORKS - REFUSE	825,000	265,000	542,000	165,000	165,000	1,962,000
PUBLIC WORKS - STREETS	193,000	388,000	165,000	175,000	175,000	1,096,000
PUBLIC WORKS - ENGINEERING	26,500	45,000	42,000	-	-	113,500
PUBLIC WORKS - MAINTENANCE	-	23,000	-	25,000	-	48,000
POLICE	87,000	286,500	84,000	200,000	-	657,500
PARKS	15,000	274,000	150,000	-	-	439,000
PARKING	23,000	21,000	21,000	-	-	65,000
OTHER DEPARTMENTS	-	50,000	-	115,000	-	165,000
SUB-TOTAL FOR VEHICLES	\$ 1,420,500	\$ 2,204,000	\$ 1,402,800	\$ 698,000	\$ 638,000	\$ 6,363,300
<u>EQUIPMENT BY DEPARTMENT/DIVISION</u>						
SEWER	146,156	-	-	-	-	146,156
POLICE	41,285	-	-	-	-	41,285
OTHER DEPARTMENTS-IT	142,628	-	-	-	-	142,628
SUB-TOTAL FOR EQUIPMENT	\$ 330,069	\$ -	\$ -	\$ -	\$ -	\$ 330,069
TOTAL REPLACEMENT PROGRAM	<u>\$ 1,750,569</u>	<u>\$ 2,204,000</u>	<u>\$ 1,402,800</u>	<u>\$ 698,000</u>	<u>\$ 638,000</u>	<u>\$ 6,693,369</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
FIVE YEAR PROPOSED SUMMARY BY FUND - GOVERNMENTAL FUNDS (with current year amended budget)

	AMENDED BUDGET 2013	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
		2014	2015	2016	2017	2018	
COMMUNITY DEVELOPMENT FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-
GRANTS	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(150,000)
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LAW ENFORCEMENT FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LESS: USE OF RESERVES	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-
GRANTS	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PARKS SPECIAL REVENUE FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LESS: USE OF RESERVES	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	-	-	-	-	-
GRANTS	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CAPITAL PROJECTS FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ 3,880,955	\$ 6,249,319	\$ 4,028,400	\$ 4,121,000	\$ 3,890,000	\$ 2,118,000	\$ 22,142,576
LESS: USE OF RESERVES	(428,000)	(1,735,857)	-	-	-	-	(3,471,714)
VEHICLE & EQUIPMENT REPLACEMENT	(871,500)	(1,330,413)	(1,308,500)	(983,000)	(655,000)	(340,000)	(4,616,913)
GRANTS	(765,000)	(1,318,364)	(515,000)	(515,000)	(515,000)	(515,000)	(3,378,364)
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	\$ 1,816,455	\$ 1,864,685	\$ 2,204,900	\$ 2,623,000	\$ 2,720,000	\$ 1,263,000	\$ 10,675,585

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
FIVE YEAR PROPOSED SUMMARY BY FUND - ENTERPRISE FUNDS (with current year amended budget)

	AMENDED BUDGET 2013	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
		2014	2015	2016	2017	2018	
ELECTRIC UTILITY FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ 909,000	\$ 1,393,790	\$ 1,571,000	\$ 711,000	\$ 545,000	\$ 1,173,000	\$ 5,536,080
LESS: USE OF RESERVES	-	(142,290)	-	-	-	-	(284,580)
VEHICLE & EQUIPMENT REPLACEMENT	(210,000)	(206,000)	(564,500)	-	-	(298,000)	(1,068,500)
GRANTS	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 699,000</u>	<u>\$ 1,045,500</u>	<u>\$ 1,006,500</u>	<u>\$ 711,000</u>	<u>\$ 545,000</u>	<u>\$ 875,000</u>	<u>\$ 4,183,000</u>
WATER UTILITY FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ 1,364,600	\$ 3,805,000	\$ 5,019,500	\$ 4,746,800	\$ 2,454,500	\$ 2,439,000	\$ 19,756,596
LESS: USE OF RESERVES	-	(1,291,796)	-	-	-	-	(2,583,592)
VEHICLE & EQUIPMENT REPLACEMENT	(25,100)	(45,000)	(287,000)	(398,800)	(18,000)	-	(748,800)
GRANTS	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-
OTHER (STORM WATER FEE)	-	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)	(7,500,000)
NET CAPITAL IMPROVEMENTS	<u>\$ 1,339,500</u>	<u>\$ 968,204</u>	<u>\$ 3,232,500</u>	<u>\$ 2,848,000</u>	<u>\$ 936,500</u>	<u>\$ 939,000</u>	<u>\$ 8,924,204</u>
SEWER UTILITY FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ 160,000	\$ 608,000	\$ 500,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,496,000
LESS: USE OF RESERVES	-	(188,000)	-	-	-	-	(376,000)
VEHICLE & EQUIPMENT REPLACEMENT	-	(146,156)	-	-	-	-	(146,156)
GRANTS	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 160,000</u>	<u>\$ 273,844</u>	<u>\$ 500,000</u>	<u>\$ 400,000</u>	<u>\$ 400,000</u>	<u>\$ 400,000</u>	<u>\$ 1,973,844</u>
PARKING FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ -	\$ 649,250	\$ 8,171,000	\$ 4,451,320	\$ 3,349,450	\$ -	\$ 16,621,020
LESS: USE OF RESERVES	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	(23,000)	(21,000)	(21,000)	-	-	(65,000)
GRANTS	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	(8,000,000)	(4,000,000)	(3,349,450)	-	(15,349,450)
NET CAPITAL IMPROVEMENTS	<u>\$ -</u>	<u>\$ 626,250</u>	<u>\$ 150,000</u>	<u>\$ 430,320</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,206,570</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
FIVE YEAR PROPOSED SUMMARY BY FUND - OTHER FUNDS (with current year amended budget)

	AMENDED BUDGET 2013	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
		2014	2015	2016	2017	2018	
MAINTENANCE FUND:							
GROSS CAPITAL IMPROVEMENTS	\$ 45,000	\$ 30,000	\$ 213,000	\$ -	\$ 25,000	\$ -	\$ 268,000
LESS: USE OF RESERVES	-	-	-	-	-	-	-
VEHICLE & EQUIPMENT REPLACEMENT	-	-	(23,000)	-	(25,000)	-	(48,000)
GRANTS	-	-	-	-	-	-	-
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	-	-	-	-
NET CAPITAL IMPROVEMENTS	<u>\$ 45,000</u>	<u>\$ 30,000</u>	<u>\$ 190,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 220,000</u>

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
FIVE YEAR SUMMARY BY FUND - TOTAL OF ALL FUNDS (with current year amended budget)

	AMENDED BUDGET 2013	PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
		2014	2015	2016	2017	2018	
TOTAL CAPITAL IMPROVEMENTS:							
GROSS CAPITAL IMPROVEMENTS	\$ 6,389,555	\$ 12,765,359	\$ 19,532,900	\$ 14,460,120	\$ 10,693,950	\$ 6,160,000	\$ 63,612,329
LESS: USE OF RESERVES	(428,000)	(3,357,943)	-	-	-	-	(3,357,943)
VEHICLE & EQUIPMENT REPLACEMENT	(1,106,600)	(1,750,569)	(2,204,000)	(1,402,800)	(698,000)	(638,000)	(6,693,369)
GRANTS	(795,000)	(1,348,364)	(545,000)	(545,000)	(545,000)	(545,000)	(3,528,364)
BOND ISSUES	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	(1,500,000)	(9,500,000)	(5,500,000)	(4,849,450)	(1,500,000)	(22,849,450)
NET CAPITAL IMPROVEMENTS	<u>\$ 4,059,955</u>	<u>\$ 4,808,483</u>	<u>\$ 7,283,900</u>	<u>\$ 7,012,320</u>	<u>\$ 4,601,500</u>	<u>\$ 3,477,000</u>	<u>\$ 27,183,203</u>

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM SUMMARY BY FUNCTION
FOR THE FISCAL YEAR 2014**

TOTAL PROJECT COSTS

	COMMUNITY DEVELOPMENT FUND	CAPITAL PROJECTS FUND	ELECTRIC FUND	WATER FUND	SEWER FUND	PARKING FUND	MAINTENANCE FUND	TOTAL
GENERAL GOV'T-FINANCE DEPARTMENT	\$ -	\$ 145,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,000
GENERAL GOV'T-ADMINISTRATIVE DEPARTMENT	-	413,200	-	-	-	-	-	413,200
GENERAL GOV'T-ADMINISTRATIVE IT DIVISION	-	374,320	-	-	-	-	-	374,320
GENERAL GOV'T-LEGISLATIVE DEPARTMENT	-	-	-	-	-	-	-	-
PUBLIC SAFETY-CODE ENFORCEMENT DIVISION	-	-	-	-	-	-	-	-
PUBLIC SAFETY-POLICE DEPARTMENT	-	266,385	-	-	-	-	-	266,385
PUBLIC WORKS-REFUSE DIVISION	-	1,159,170	-	-	-	-	-	1,159,170
PUBLIC WORKS-ENGINEERING DIVISION	-	66,500	-	-	-	-	-	66,500
CULTURE & RECREATION-PARKS DEPARTMENT	-	1,671,744	-	-	-	-	-	1,671,744
PUBLIC WORKS-STREET DIVISION	30,000	2,153,000	-	-	-	-	-	2,183,000
ELECTRIC DEPARTMENT	-	-	1,393,790	-	-	-	-	1,393,790
WATER DEPARTMENT	-	-	-	3,805,000	-	-	-	3,805,000
WASTEWATER DEPARTMENT	-	-	-	-	608,000	-	-	608,000
PARKING DIVISION	-	-	-	-	-	649,250	-	649,250
PUBLIC WORKS-MAINTENANCE DIVISION	-	-	-	-	-	-	30,000	30,000
	<u>\$ 30,000</u>	<u>\$ 6,249,319</u>	<u>\$ 1,393,790</u>	<u>\$ 3,805,000</u>	<u>\$ 608,000</u>	<u>\$ 649,250</u>	<u>\$ 30,000</u>	<u>\$ 12,765,359</u>

FINANCING SOURCES

GROSS CAPITAL IMPROVEMENTS	\$ 30,000	\$ 6,249,319	\$ 1,393,790	\$ 3,805,000	\$ 608,000	\$ 649,250	\$ 30,000	\$ 12,765,359
LESS: USE OF RESERVES	-	(1,735,857)	(142,290)	(1,291,796)	(188,000)	-	-	(3,357,943)
VEHICLE & EQUIPMENT REPLACEMENT	-	(1,330,413)	(206,000)	(45,000)	(146,156)	(23,000)	-	(1,750,569)
GRANTS	(30,000)	(1,318,364)	-	-	-	-	-	(1,348,364)
BOND ISSUES	-	-	-	-	-	-	-	-
OTHER FINANCING SOURCES	-	-	-	(1,500,000)	-	-	-	(1,500,000)
	<u>\$ -</u>	<u>\$ 1,864,685</u>	<u>\$ 1,045,500</u>	<u>\$ 968,204</u>	<u>\$ 273,844</u>	<u>\$ 626,250</u>	<u>\$ 30,000</u>	<u>\$ 4,808,483</u>
NET CAPITAL IMPROVEMENTS								

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

ELECTRIC DEPARTMENT

Presented to City Council November 11, 2013

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
ELECTRIC FUND

		PRIOR YEARS	2013 BUDGET	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
				2014	2015	2016	2017	2018	
E1401	New Lines & Services	0	\$175,000	\$175,000	\$125,000	\$125,000	\$125,000	\$125,000	\$675,000
E1402	12 KV Line Extension	0	0	50,000	0	0	0	0	50,000
E1403	Conductor Upgrades	0	0	0	0	176,000	0	0	176,000
E1301	Chrysler Site Substation Upgrades	0	130,000	0	0	0	0	0	0
E1202	Cameras, Testers for Repair Procedures	0	8,000	24,163	0	0	0	0	24,163
E1203	CAD Software	115,500	0	0	115,500	0	0	0	115,500
E1102	Conductor Upgrades	0	125,000	0	0	0	0	0	0
E1104	Spacer Cable Replacement	0	0	0	0	0	50,000	50,000	100,000
E1105	New Transformers & Circuit Breakers	0	0	700,000	700,000	0	0	700,000	2,100,000
E1002	New Unit and Lines-Phillips Substation	0	100,000	0	0	0	0	0	0
E0903	12KV Changeover	0	65,000	88,627	0	0	0	0	88,627
E0905	34.5KV Recloser Installation	0	0	0	0	135,000	0	0	135,000
E0503	SCADA & Automatic Switching	0	96,000	150,000	66,000	275,000	370,000	0	861,000
EEQSF	Vehicle Replacement Program	0	210,000	206,000	564,500	0	0	298,000	1,068,500
Total Electric		\$115,500	\$909,000	\$1,393,790	\$1,571,000	\$711,000	\$545,000	\$1,173,000	\$5,393,790
GROSS CAPITAL IMPROVEMENTS		\$115,500	\$909,000	\$1,393,790	\$1,571,000	\$711,000	\$545,000	\$1,173,000	\$5,393,790
LESS: USE OF RESERVES		(115,500)	0	(142,290)	0	0	0	0	(142,290)
VEHICLE & EQUIPMENT REPLACEMENT		0	(210,000)	(206,000)	(564,500)	0	0	(298,000)	(1,068,500)
GRANTS		0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$0	\$699,000	\$1,045,500	\$1,006,500	\$711,000	\$545,000	\$875,000	\$4,183,000

ELECTRIC DEPARTMENT

* * *

The Electric Department is responsible for the engineering, planning and design and direction of all electric departmental operations including staff supervision, purchasing, records management, operations planning, budget preparation and control, and capital improvement planning. Responsibilities include planning, designing and supervising the construction of electrical distribution system which consists of power lines, substations, lighting systems and traffic signals. Plans review, drawings and engineering analysis for construction work is provided under this program. The Department also handles the meter relay and electrical maintenance program, including installing and maintaining electrical systems in city buildings, water wells, water and waste water pumping stations, traffic lights and control systems, meters and other facilities. The Department's electrical line construction and maintenance program is responsible for maintaining 165 miles of high voltage electric lines, nine (9) substation sites, twenty-seven (27) power transformers and forty-nine (49) medium voltage circuit breakers. In addition to maintaining the City's electrical distribution system, new power lines, substations and underground electric utilities are constructed and installed to expand services to new customers. Additional responsibilities include maintaining and installing street lights and traffic signals, trimming trees along electric right-of-way, and providing distribution and subtransmission switching and sectionalizing.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO: E1401	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		

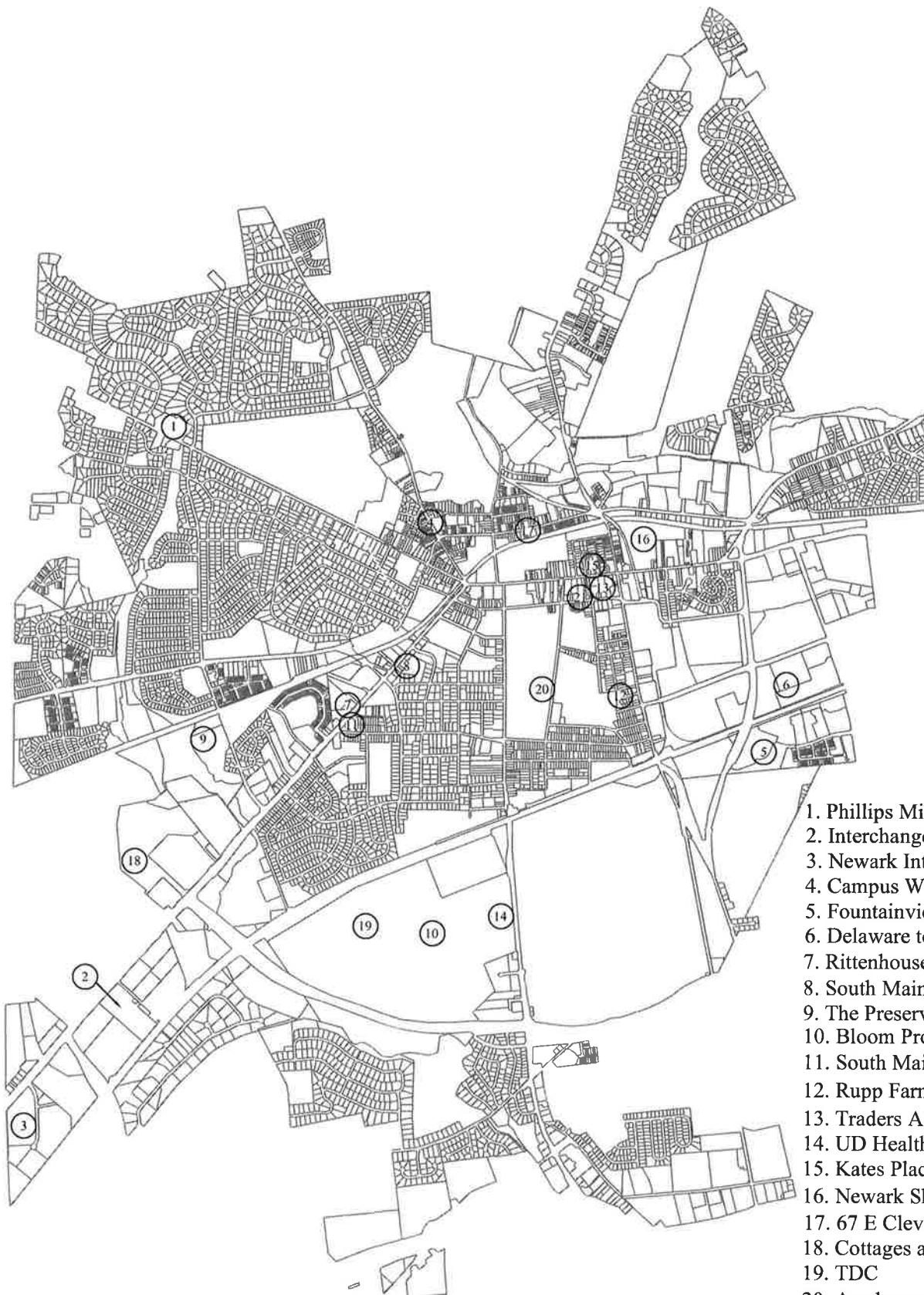
DESCRIPTION & JUSTIFICATION:

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	312,500
Est. Useful Life (in years)	30 YRS.	Materials	5195106.9760	362,500
Est. Total Cost	675,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		675,000
Balance to be funded ¹	675,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		175,000	125,000	125,000	125,000	125,000	675,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	175,000	125,000	125,000	125,000	125,000	675,000

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."



1. Phillips Mill
2. Interchange Industrial Park Phase III
3. Newark Interstate Industrial Park
4. Campus Walk
5. Fountainview Homes
6. Delaware technology Park
7. Rittenhouse II
8. South Main Plaza/Chimney Ridge
9. The Preserve
10. Bloom Project
11. South Main Commons
12. Rupp Farm
13. Traders Alley
14. UD Health Sciences
15. Kates Place
16. Newark Shopping Center
17. 67 E Cleveland Ave.
18. Cottages at Plaza
19. TDC
20. Academy St. Dining Hall
21. 132 Delaware Ave.

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.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor	5195106.9860	20,000
Est. Useful Life (in years)	30	Materials	5195106.9760	20,000
Est. Total Cost	50,000	Other Contracts	5195106.9760	10,000
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)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	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."

E1402

UNDERGROUND
INTO
SUBSTATION

R/R CROSSING
NEW 12KV LINE
EXTENSION

HILLSIDE ROAD

W MAIN ST.

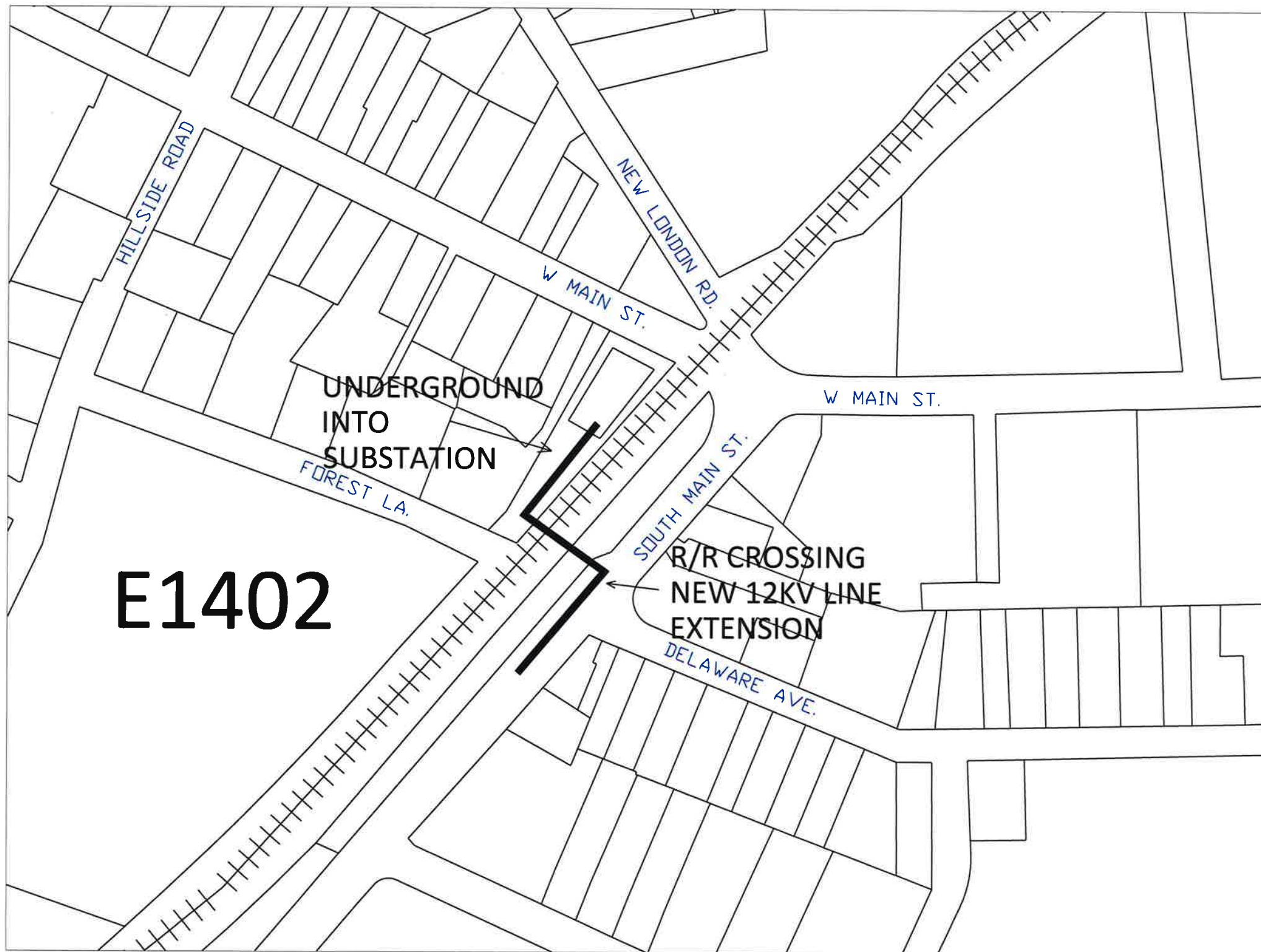
NEW LONDON RD.

W MAIN ST.

FOREST LA.

SOUTH MAIN ST.

DELAWARE AVE.



CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO:	PROJECT TITLE:	
E1403	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 2015+ 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)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	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."

E1403

UPGRADE CONDUCTORS

NOTTINGHAM RD.

W MAIN ST.

OLD DAK ROAD

HILLSIDE ROAD

W MAIN ST.

SOUTH MAIN ST.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO:	PROJECT TITLE:	
E1202	TEST EQUIPMENT	
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 Infrastructure – maintain ops & avoid failure		
DESCRIPTION & JUSTIFICATION: CURRENTLY OUR 3 PHASE COMMERCIAL ELECTRIC METER TESTER IS NOT PORTABLE AND METERS MUST BE BROUGHT TO THE MUNICIPAL BUILDING FOR TESTING. PURCHASE OF A PORTABLE TEST SET WILL IMPROVE EFFICIENCY BY ALLOWING TESTING ONSITE. IN ORDER TO ENHANCE OUR GIS SYSTEM, A GPS SURVEY DEVICE WILL BE PURCHASED TO ALLOW HEIGHT AND DISTANCE MEASUREMENTS OF POLES AND AERIAL WIRES.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	10	Materials	5195106.9622		24,163		
Est. Total Cost	58,000	Other Contracts					
Est. Spend @ 12/31 (if underway) ¹	33,837	Total Project Cost		24,163			
Balance to be funded ¹	24,163	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)	60%						
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		21,000					21,000
CAPITAL RESERVES	3,163						3,163
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	3,163	21,000	-	-	-	-	24,163

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:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Software		
PRIORITY: 2 - Medium 2015+		
DESCRIPTION & JUSTIFICATION: SOFTWARE NEEDED TO MODEL THE DISTRIBUTION SYSTEM. THIS SOFTWARE HAS ENGINEERING MODULES TO ASSIST IN FAULT CALCULATION, VOLTAGE DROP CALCULATION, COORDINATION STUDIES AND FEEDER OPTIMIZATION. SOFTWARE: \$50,500 DATABASE CONVERSION: \$65,000 TOTAL: \$115,500 Was scheduled in 2012 but pushed back multiple years due to the smart meter project. The \$115,500 in capital reserves is being moved to E1105, and this \$115,500 will be funded with current resources in 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)	15	Materials	5195106.9622	115,500
Est. Total Cost	115,500	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		115,500
Balance to be funded ¹	115,500	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES			115,500				115,500
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	115,500	-	-	-	115,500

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: 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 2015+ 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	2018	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)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	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 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:

EXISTING SMALL 4.16KV SUBSTATION TRANSFORMERS PURCHASED IN THE 1960'S ARE NEARING THE END OF THEIR USEFUL LIVES. IT IS PROPOSED TO REPLACE THREE (3) OF THE SMALL TRANSFORMERS WITH THREE (3) LARGER 12.47 KV SUBSTATION TRANSFORMERS TO IMPROVE RELIABILITY AND REDUCE LOSSES.

\$115,500 in reserve funding is being moved from E1203 (CAD Software) to offset a portion of the 2014 spending on this project. E1203 will be funded with current reserves in 2015 if approved.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2011	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2018	Labor	5195106.9830	240,000
Est. Useful Life (in years)	30	Materials	5195106.9730	1,770,000
Est. Total Cost	2,100,000	Other Contracts	5195106.9730	90,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		2,100,000
Balance to be funded ¹	2,100,000	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)				

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		584,500	700,000			700,000	1,984,500
CAPITAL RESERVES	115,500						115,500
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	115,500	584,500	700,000	-	-	700,000	2,100,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E0903	PROJECT TITLE: 12KV CHANGEOVER	
PROJECT LOCATION: BINNS AND DEVON DEVELOPMENTS		
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: UPGRADE AREA SHOWN ON DRAWING E0903A TO 12KV AND INSTALL UNDERGROUND CABLES IN CERTAIN LOCATIONS TO INCREASE RELIABILITY. UPGRADE BINNS AND DEVON TO 12.47KV FROM 4.6KV. IT IS NECESSARY TO REMOVE SOME LOAD FROM TRANSFORMER 15 AND TRANSFORMER 36 AT EAST MAIN STREET SUBSTATION. BY UPGRADING TO 12.47KV, THE FUTURE PURCHASE OF 4.16KV POWER TRANSFORMERS CAN BE AVOIDED AND LOSSES WILL BE REDUCED.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2009	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor	5195106.9860	73,627
Est. Useful Life (in years)	30	Materials	5195106.9760	15,000
Est. Total Cost	130,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	41,373	Total Project Cost		88,627
Balance to be funded ¹	88,627	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)	32%			

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		65,000					65,000
CAPITAL RESERVES	23,627						23,627
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	23,627	65,000	-	-	-	-	88,627

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."



BINNS NORTH HOMES

E0903

12KV CHANGE OVER



E0903A

12KV CHANGE OVER

COLLEGE

AVENUE

PARK PLACE

PARK

WINSLOW

ROAD

WINSLOW

ROAD

SUNSET

ROAD

ROAD

ROAD

ROAD

SUNSET

ROAD

GRANTHAM PLACE

BEVERLY

TOWNSEND

ORCHARD

INDIAN

ROAD

BEACH ROAD

EMPTY LOT

EMPTY LOT

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: ELECTRIC		DIVISION:
PROJECT NO: E0905	PROJECT TITLE: 34.5KV RECLOSER INSTALLATION	
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 2015+		
DESCRIPTION & JUSTIFICATION: IN ORDER TO IMPROVE RELIABILITY ON THE 34.5KV SUBTRANSMISSION SYSTEM, IT IS PROPOSED TO INSTALL FOUR RECLOSERS WHICH WILL DISCONNECT FAULTED SECTIONS OF A LINE AT A TEE DURING AN OUTAGE AND KEEP ADDITIONAL CUSTOMERS NOT CONNECTED TO THE TEE ONLINE. THE SYSTEM WILL HAVE REMOTE COMMUNICATION CAPABILITY WITH OUR SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2009	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2016	Labor	5195106.9860	8,000
Est. Useful Life (in years)	30	Materials	5195106.9760	110,000
Est. Total Cost	135,000	Other Contracts	5195106.9760	17,000
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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES				135,000			135,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	135,000	-	-	135,000

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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 SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM AT ALL SUBSTATION SITES AND AUTOMATIC SWITCHING EQUIPMENT ON THE 34.5KV SUBTRANSMISSION SYSTEM TO REDUCE OUTAGE TIMES. THIS EQUIPMENT WILL ALLOW AUTOMATIC RECONFIGURATION OF 34.5KV CIRCUITS AFTER A FAULT AND ALLOW THE SUBSTATION TRANSFORMERS FED BY THE CIRCUIT TO CONTINUE TO SUPPLY CUSTOMERS. THE COMPUTERIZED SWITCHES WILL SWITCH THE SUBSTATION TO ANOTHER CIRCUIT AND ISOLATE THE CIRCUIT WITH THE FAULT. POWER WILL BE RESTORED WITHIN A MINUTE TO CUSTOMERS. THE SCADA SYSTEM WILL BE USED TO REMOTELY MONITOR AND CONTROL TRANSFORMERS AND CIRCUIT BREAKERS AT ALL SUBSTATIONS. REAL TIME INFORMATION WILL BE DISPLAYED ON A COMPUTER SCREEN IN THE CITY ELECTRIC DEPARTMENT AREA AT THE MUNICIPAL BUILDING.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2005	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2017	Labor	5195106.9860	35,000
Est. Useful Life (in years)	20	Materials	5195106.9622, 9760	465,634
Est. Total Cost	1,046,462	Other Contracts	5195106.9760	360,366
Est. Spend @ 12/31 (if underway) ¹	185,462	Total Project Cost		861,000
Balance to be funded ¹	861,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		150,000	66,000	275,000	370,000		861,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	150,000	66,000	275,000	370,000	-	861,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	ELECTRIC	DIVISION:
PROJECT NO:	PROJECT TITLE:	
EEQSF	EQUIPMENT REPLACEMENT PROGRAM	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY:		
DESCRIPTION & JUSTIFICATION:		
PLANNED ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE. THE \$206,000 IDENTIFIED IN 2014 REFLECTS THE REPLACEMENT OF VEHICLE #147 (BUCKET TRUCK).		

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	1,068,500	Other Contracts	5195106.9623	1,068,500
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		1,068,500
Balance to be funded ¹	1,068,500	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		206,000	564,500			298,000	1,068,500
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	206,000	564,500	-	-	298,000	1,068,500

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**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2014-2018
ELECTRIC UTILITY**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
STAFF CARS												
103	2010 Dodge Nitro	05/28/10	19,567	38,444	70,000	8	2018					30,000
116	2012 Toyota Camry Hybrid	03/19/12	24,718	2,271	70,000	10	2022					
120	2012 Toyota Camry Hybrid	03/19/12	24,718	2,743	70,000	10	2022					
LINE TRUCKS												
100	1997 Int'l 4700 Stake Truck	03/14/97	39,285	56,061	110,000		N/A					
101	2005 Int'l 4300 Aerial Lift Truck	10/01/04	115,499	77,798	75,000	11	2015		165,000			
104	2013 International 7400 Digger	09/21/12	228,003	4,552	75,000	8	2020					
105	2006 International 7400 Pole Truck	09/01/06	166,920	26,910	65,000	12	2018					203,000
109	1988 Vermeer Mini Digger Derrick	09/12/08	120,732	--	--	7	2015		155,000			
122	2004 Int'l Aerial Lift Truck	09/12/03	123,982	66,466	65,000	12	2015		211,000			
124	2009 Ford F750 Aerial Lift	09/18/09	149,600	24,898	100,000	10	2019					
126	2009 Ford F250 Truck	04/03/09	19,965	43,822	90,000	9	2018					35,000
130	2002 Int'l 4700 Bucket Truck	a. 11/09/01	98,712	69,640	75,000	12	2013					
147	2002 Int'l 4700 Bucket Truck	08/30/02	98,712	70,994	75,000	12	2014	206,000				
PICK-UPS & VANS												
129	2011 Ford 3/4 Ton Utility Body	07/02/10	27,412	13,523	90,000	11	2021					
132	2008 GMC Sierra 2500 Pickup	10/03/08	20,579	20,606	65,000	11	2019					
145	2002 Dodge Ram R2500 Pickup	05/31/02	21,337	63,106	65,000	13	2015		33,500			
OTHER EQUIPMENT												
1015	2005 Daewoo 5000K Forklift	10/14/05	21,450	--	--	13	2018					30,000
TOTAL ELECTRIC UTILITY								\$206,000	\$564,500	\$0	\$0	\$298,000

a. This vehicle scheduled to be replaced in 2013.

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS AND WATER RESOURCES
WATER DIVISION

Presented to City Council November 11, 2013

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
WATER FUND

		PRIOR YEARS	2013 BUDGET	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					
				2014	2015	2016	2017	2018	TOTAL
W1401	Re-Bed Filters 1 and 2	\$0	\$0	\$180,000	\$0	\$0	\$0	\$0	\$180,000
W1402	Air Stripper Replacement/Storage Tank Config.	0	0	75,000	625,000	0	0	0	700,000
W1403	Storm Water Projects	0	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
W1301	Keyless Entry System	0	0	0	75,000	0	0	0	75,000
W1302	Abandon Old Wells	0	0	0	40,000	40,000	0	0	80,000
W1303	Water System Master Plan	0	0	40,000	50,000	50,000	0	0	140,000
W1304	Eliminate Tank Overflows	0	40,000	0	40,000	0	0	0	40,000
W1201	Water Main: Windy Hills to Red Mill	0	0	30,000	0	500,000	0	0	530,000
W1101	Raceway Improvement/Dam Replacement	188,100	0	173,000	1,325,000	1,325,000	0	0	2,823,000
W1103	Repairs to Concrete Tank	0	227,500	0	0	0	0	0	0
W0503	Well Restoration	108,000	27,000	27,000	27,500	28,000	28,000	29,000	139,500
W0403	Water Tank Mixing Retrofit	0	95,000	95,000	100,000	105,000	108,500	110,000	518,500
W0002	Alternative Disinfection Equipment	0	0	150,000	100,000	0	0	0	250,000
W9302	SCADA System	0	0	150,000	0	0	0	0	150,000
W9308	Water Main Renovation Program	138,341	500,000	890,000	500,000	500,000	500,000	500,000	2,890,000
W8605	Water Tank Maintenance	0	450,000	450,000	350,000	300,000	300,000	300,000	1,700,000
WEQSF	Vehicle Replacement Program	0	25,100	45,000	287,000	398,800	18,000	0	748,800
Total Water		\$434,441	\$1,364,600	\$3,805,000	\$5,019,500	\$4,746,800	\$2,454,500	\$2,439,000	\$18,464,800
GROSS CAPITAL IMPROVEMENTS		\$434,441	\$1,364,600	\$3,805,000	\$5,019,500	\$4,746,800	\$2,454,500	\$2,439,000	\$18,464,800
LESS: USE OF RESERVES		(434,441)	0	(1,291,796)	0	0	0	0	(1,291,796)
VEHICLE & EQUIPMENT REPLACEMENT		0	(25,100)	(45,000)	(287,000)	(398,800)	(18,000)	0	(748,800)
GRANTS		0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER (STORM WATER FEE)		0	0	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)	(1,500,000)	(7,500,000)
NET CAPITAL IMPROVEMENTS		\$0	\$1,339,500	\$968,204	\$3,232,500	\$2,848,000	\$936,500	\$939,000	\$8,924,204

WATER AND WASTE WATER

The Water and Waste Water Department is responsible for the overall management and supervision of water and waste water operations. Functional areas of responsibility include the engineering and design of water and waste water facilities, supervising and inspecting construction projects, and planning capital improvements. The program prepares reports and recommendations to the City Manager and City Council on facilities improvements and maintains an active liaison with engineering consultants. In addition to overseeing operations, the program manages and updates departmental records, computer programs and water and waste water base maps. This Department also supervises the operation and maintenance of all equipment and facilities at the nine water supply wells, the Newark surface Water Treatment Plant, the South Well Field Water treatment plant, six booster pumping stations and two sewer pumping stations. The City's water distribution system provides water services to 34,600 customers including 31,454 Newark residents. Over 1.3 billion gallons of water is pumped through 170 miles of pipe annually to serve 8,266 water service connections. The Department's meters and hydrants program has two functional areas of responsibility. First, meters are kept operational to accurately record water consumption for billing purposes. Second, hydrants are maintained to serve as an emergency water source in the event of fires. A total of 10,328 commercial, residential and industrial water meters are maintained, repaired and tested under this program. Over 2.2 billion gallons of sewage is transported annually through the City's 99 miles of sewer distribution lines. With the help of two primary pumping stations at Cooches Bridge and Silverbrook, sewage which originates from the City flows through the New Castle County system and is delivered to the Wilmington Regional Waste Water Treatment facility. The Department's waste water program is responsible for maintaining the sanitary sewer system and distribution lines.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	WATER	DIVISION:	WATER
PROJECT NO:	PROJECT TITLE:		
W1401	RE-BED FILTERS 1 AND 2		
PROJECT LOCATION:		SOUTH WELL FIELD 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 underneath the media in the filters that inhibit proper air scouring during a back wash cycle.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor	5295206.9840	90,000
Est. Useful Life (in years)	15	Materials	5295206.9740	90,000
Est. Total Cost	180,000	Other Contracts		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		180,000
Balance to be funded ¹	180,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		180,000					180,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	180,000	-	-	-	-	180,000

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 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)	20.0	Materials					
Est. Total Cost	700,000	Other Contracts			700,000		
% Complete (if underway)		Total Project Cost				700,000.00	
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		75,000	625,000				700,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	75,000	625,000	-	-	-	700,000

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

DEPARTMENT: Public Works and Water Resources		DIVISION: Water	
PROJECT NO: W1403	PROJECT TITLE: 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 2014. 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 raise through a storm water fee each year. That is the nature of the \$1.5 million per year spending levels with a perfectly offsetting funding source. The key, long-term projects follow in the table below, which are rounded up to a total of \$7.5 million after adding ≈10% contingency.

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

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)	20.0	Materials		
Est. Total Cost	7,500,000	Other Contracts		7,500,000
% Complete (if underway)		Total Project Cost 7,500,000		

PROJECT FINANCING BY PLAN YEAR

[illegible]

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		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 2015+		

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.

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)	20	Materials					
Est. Total Cost	75,000	Other Contracts	5295206.973	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	2014	2015	2016	2017	2018	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: WATER AND WASTEWATER		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: 2 - Medium 2015+		

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. 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 Jenney's 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 approximately \$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	2014	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	2014	2015	2016	2017	2018+	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

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		DIVISION: WATER
PROJECT NO: W1303	PROJECT TITLE: WATER SYSTEM MASTER PLAN	
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:

I have been working to develop a water system model and in turn a master plan of system improvements. To date I have been able to develop a basic model using the staff of the Water Resources Agency at the UD. This project will take the model that has been developed and identify improvements/modifications to allow us to have a system wide improvement program that will allow us over time to correct the system deficiencies. Many of the deficiencies are already known by visual observation of the system operating characteristics. What we do not know is the best way to address the problem. This project will build on previous efforts and provide a more robust model from which computer simulations can be run to determine the most cost affective solution. Adding \$40,000 to 2014 to improve GPS mapping, which is being helped by the addition of ESRI software. In 2014, we plan to get the GIS online maps up to a level that is comparable to our current paper maps, which will integrate with our network of tablets.

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)		Materials					
Est. Total Cost	140,000	Other Contracts	5295206.976	140,000			
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		140,000			
Balance to be funded ¹	140,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		40,000	50,000	50,000			140,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	40,000	50,000	50,000	-	-	140,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		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):		Utility or System Infrastructure
PRIORITY: 2 - Medium 2015+ 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.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT			
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	50	Materials					
Est. Total Cost	80,000	Other Contracts	5295206.976	40,000			
Est. Spent @ 12/31 (if underway) ¹	40,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			40,000				40,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	40,000	-	-	-	40,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		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 ► Must undertake project to meet or remediate service level			
DESCRIPTION & JUSTIFICATION: When Windy Hills was developed, provisions were made to extend a 12" 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" connection will provide a second source of water for this section of our water system, thereby improving the pressure, flow, and water quality. The schedule follows: 2014 Design Study and Cost Estimates 2015 Update 2016 Capital Budget as Necessary to Reflect Cost Estimates Prepared in 2014 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	530,000	Other Contracts	5295206.996	530,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		530,000
Balance to be funded ¹	530,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		30,000		500,000			530,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	30,000	-	500,000	-	-	530,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		DIVISION: WATER
PROJECT NO: W1101	PROJECT TITLE: NWTP RACEWAY IMPROVEMENT AND DAM REPLACEMENT FACILITY	
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, mollusks, 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	2017	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	2014	2015	2016	2017	2018	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

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		DIVISION: WATER																											
PROJECT NO: W0503	PROJECT TITLE: WELL RESTORATIONS																												
PROJECT LOCATION:																													
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: Restore / Redevelop Wells 11, 12, 14, 15, 16, 17, 20, and 23 as needed in anticipation of routine maintenance and rehabilitation. <table style="width: 100%; margin-top: 5px;"> <thead> <tr> <th style="text-align: left;">Well</th> <th style="text-align: left;">Last Rehabilitation</th> <th style="text-align: left;">Planned Rehabilitation</th> </tr> </thead> <tbody> <tr><td>11</td><td>2010</td><td>2018</td></tr> <tr><td>13</td><td>2013</td><td>2021</td></tr> <tr><td>14</td><td>2012 (new)</td><td>2020</td></tr> <tr><td>15</td><td>2011</td><td>2019</td></tr> <tr><td>16</td><td>2005</td><td>2014-15</td></tr> <tr><td>17</td><td>2013</td><td>2021</td></tr> <tr><td>20</td><td>2002</td><td>2017</td></tr> <tr><td>23</td><td>(unknown)</td><td>2016</td></tr> </tbody> </table>			Well	Last Rehabilitation	Planned Rehabilitation	11	2010	2018	13	2013	2021	14	2012 (new)	2020	15	2011	2019	16	2005	2014-15	17	2013	2021	20	2002	2017	23	(unknown)	2016
Well	Last Rehabilitation	Planned Rehabilitation																											
11	2010	2018																											
13	2013	2021																											
14	2012 (new)	2020																											
15	2011	2019																											
16	2005	2014-15																											
17	2013	2021																											
20	2002	2017																											
23	(unknown)	2016																											

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	Materials		
Est. Total Cost	274,500	Other Contracts	5295206.996	139,500
Est. Spent @ 12/31 (if underway) ¹	135,000	Total Project Cost		139,500
Balance to be funded ¹	139,500	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter (although spend prior to 2012 is not considered here).		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		27,000	27,500	28,000	28,000	29,000	139,500
CAPITAL RESERVES	-						-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	27,000	27,500	28,000	28,000	29,000	139,500

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: WATER AND WASTEWATER		DIVISION: WATER	
PROJECT NO: W 0403	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 tanks for water quality improvement. Currently, the water enters and leaves the tanks from one pipe. This lack of circulation creates dead zones that contribute to a degradation of water quality. 2013 Windy Hills 2014 New London Road 2015 Arbour Park 2016 Main Street 2017 Dallam Road 2018 Curtis (Paper Mill) 2019 Louvier's (\$110,000)			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2004	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2018	Labor		
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	608,500	Other Contracts	5295206.996	518,500
Est. Spent @ 12/31 (if underway) ¹	90,000	Total Project Cost		518,500
Balance to be funded ¹	518,500	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. (Amounts spent prior to 2013 are omitted here)		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		95,000	100,000	105,000	108,500	110,000	518,500
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	95,000	100,000	105,000	108,500	110,000	518,500

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:	WATER	DIVISION:	WATER
PROJECT NO:	PROJECT TITLE:		
W0002	ALTERNATIVE DISINFECTION EQUIPMENT		
PROJECT LOCATION:	WATER TREATMENT FACILITY		
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 Newark Water Treatment Plant. 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 will seek a hazard mitigation grant for this project.

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)	7	Materials		
Est. Total Cost	250,000	Other Contracts	5295206.9622	250,000
Est. Spent @ 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		121,204	100,000				221,204
CAPITAL RESERVES	28,796						28,796
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	28,796	121,204	100,000	-	-	-	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:	WATER	DIVISION:	WATER
PROJECT NO:	PROJECT TITLE:		
W9302	SUPERVISORY CONTROL AND DATA SYSTEM ACQUISITION (SCADA)		
PROJECT LOCATION:		CITY WIDE	
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. Previously, we had four operator positions that worked three shifts everyday of the year. Currently we supplement one vacant operator position with overtime. The three operators use a vehicle which has been lasting less than three years before it wears out. With a SCADA System, we will be able to reduce staffing permanently to three operators and reduce the overtime. It is our goal to transition to three operators staffing two shifts during the week. One shift on weekends and an "on call" person every other shift and holidays to respond to emergencies.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	150,000	Other Contracts	5295206.9622	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		50,000					50,000
CAPITAL RESERVES	100,000						100,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	100,000	50,000	-	-	-	-	150,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	WATER AND WASTEWATER	DIVISION:	WATER
PROJECT NO:	PROJECT TITLE:		
W9308	WATER MAIN RENOVATION PROGRAM		
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:

Project involves either replacing mains or lining the interior to minimize main breaks, reduce rusty water 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.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	1993	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date		Labor		
Est. Useful Life (in years)	50	Materials		
Est. Total Cost	3,138,341	Other Contracts	5295206.996	2,890,000
Est. Spent @ 12/31 (if underway) ¹	248,341	Total Project Cost		2,890,000
Balance to be funded ¹	2,890,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		350,000	500,000	500,000	500,000	500,000	2,350,000
CAPITAL RESERVES	540,000						540,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	540,000	350,000	500,000	500,000	500,000	500,000	2,890,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: WATER AND WASTEWATER		DIVISION: WATER																																																															
PROJECT NO: W8605	PROJECT TITLE: WATER TANK MAINTENANCE																																																																
PROJECT LOCATION:		VARIOUS																																																															
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: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">GALLONS</th> <th colspan="2">LAST PAINTED</th> <th rowspan="2">YEARS SINCE LAST PAINTED</th> <th rowspan="2">PROJECTED REPAINT</th> </tr> <tr> <th>INSIDE</th> <th>OUTSIDE</th> </tr> </thead> <tbody> <tr> <td>A. SOUTH WELL FIELD RAW</td> <td>500,000</td> <td>2003</td> <td>2003</td> <td>11</td> <td>2015</td> </tr> <tr> <td>B. SOUTH WELL FIELD FINISH</td> <td>500,000</td> <td>2003</td> <td>2003</td> <td>11</td> <td>2015</td> </tr> <tr> <td>C. ARBOUR PARK TANK</td> <td>500,000</td> <td>2003</td> <td>2003</td> <td>11</td> <td>2016</td> </tr> <tr> <td>D. MILFORD XRDS TANK</td> <td>1,000,000</td> <td>1990</td> <td>1990</td> <td>24</td> <td>2014</td> </tr> <tr> <td>E. WINDY HILLS TANK</td> <td>300,000</td> <td>1997</td> <td>1997</td> <td>17</td> <td>2014</td> </tr> <tr> <td>F. NEW LONDON RD TANK</td> <td>2,000,000</td> <td>1997</td> <td>1997</td> <td>17</td> <td>2017</td> </tr> <tr> <td>G. PAPER MILL ROAD TANK</td> <td>3,200,000</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>H. DALLAM ROAD TANK</td> <td>565,000</td> <td>2003</td> <td>2003</td> <td>11</td> <td>2018</td> </tr> <tr> <td>I. NOTTINGHAM ROAD TANK</td> <td>220,000</td> <td>2003</td> <td>2003</td> <td>11</td> <td>2019</td> </tr> </tbody> </table> Steel tanks require periodic painting to ensure long life. Tank inspections should be completed five years after the most recent painting, and then with increasing frequency moving forward. Inspection is covered in the operating budget.					GALLONS	LAST PAINTED		YEARS SINCE LAST PAINTED	PROJECTED REPAINT	INSIDE	OUTSIDE	A. SOUTH WELL FIELD RAW	500,000	2003	2003	11	2015	B. SOUTH WELL FIELD FINISH	500,000	2003	2003	11	2015	C. ARBOUR PARK TANK	500,000	2003	2003	11	2016	D. MILFORD XRDS TANK	1,000,000	1990	1990	24	2014	E. WINDY HILLS TANK	300,000	1997	1997	17	2014	F. NEW LONDON RD TANK	2,000,000	1997	1997	17	2017	G. PAPER MILL ROAD TANK	3,200,000	*	*	*	*	H. DALLAM ROAD TANK	565,000	2003	2003	11	2018	I. NOTTINGHAM ROAD TANK	220,000	2003	2003	11	2019
	GALLONS	LAST PAINTED				YEARS SINCE LAST PAINTED	PROJECTED REPAINT																																																										
		INSIDE	OUTSIDE																																																														
A. SOUTH WELL FIELD RAW	500,000	2003	2003	11	2015																																																												
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H. DALLAM ROAD TANK	565,000	2003	2003	11	2018																																																												
I. NOTTINGHAM ROAD TANK	220,000	2003	2003	11	2019																																																												

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	1986	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2018	Labor		
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	1,700,000	Other Contracts	5295206.976	1,700,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		1,700,000
Balance to be funded ¹	1,700,000	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 project, only future spending is considered due to its long history.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			350,000	300,000	300,000	300,000	1,250,000
CAPITAL RESERVES	450,000						450,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	450,000	-	350,000	300,000	300,000	300,000	1,700,000

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:	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. Vehicles 206 and 241 are scheduled for replacement in 2014.			

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	748,800	Other Contracts	5295206.962	748,800
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		748,800
Balance to be funded ¹	748,800	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		45,000	287,000	398,800	18,000	-	748,800
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	45,000	287,000	398,800	18,000	-	748,800

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
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2014-2018
WATER AND WASTE WATER UTILITY**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
STAFF CARS												
212	2009 Ford Focus	04/03/09	13,489	42,199	80,000	8	2017				18,000	
215	2008 Ford Focus	02/26/08	11,281	16,738	60,000	11	2019					
LINE TRUCKS												
202	2012 Ford F350	10/18/12	74,095	2,597	80,000	12	2024					
207	2005 Int'l 7400 Dump Truck	08/05/05	95,845	21,662	36,000	11	2016			158,000		
243	2006 Int'l 4300 Sewer Truck	a. 10/17/05	146,156	76,825	90,000	9	Project S1201					
PICK-UPS & VANS												
204	2002 Ford F350 Pickup	05/17/02	21,904	87,280	85,000	14	2016			25,800		
206	2010 Dodge Ram 1/2 Ton 4X4	06/04/10	17,813	113,918	120,000	4	2014	25,000				
211	2009 Ford F250 Supercab	06/05/09	25,267	25,200	80,000	12	2021					
218	2003 Chevrolet S-10 4x4 Picku	05/23/04	16,088	68,787	100,000	11	2015		25,000			
224	2012 Ford F250 Pickup Truck	10/25/12	37,999	3,083	80,000	12	2024					
241	2002 Dodge Ram B2500 Van	03/28/02	13,547	109,623	100,000	12	2014	20,000				
244	2003 Chevrolet Silverado Pick	05/23/03	17,238	74,687	100,000	12	2015		25,000			
299	2013 Ford F150 Pickup	06/28/13	19,541	0	100,000	10	2023					
OTHER EQUIPMENT												
201	1994 Ingersall Air Compressor	09/09/94	9,169	--	--	19	2015		12,000			
220	2011 Case 590 SN Loader/Backhoe	10/14/11	117,701	--	--	10	2021					
230	2003 Sterling SC8000 Sweeper	b. 01/09/04	99,130	41,987	60,000	11	2015		180,000			
231	2008 Tennant ALTV 4300 Litter Vac	08/11/08	36,459	--	--	7	2015		45,000			
250	2006 Int'l 4700 Catch Basin Clnr	12/22/05	161,375	40,870	60,000	11	2016			215,000		
TOTAL WATER AND WASTE WATER UTILITY								\$45,000	\$287,000	\$398,800	\$18,000	\$0

a. This vehicle will be replaced in 2014 in the Sewer Division - See Project S1201.

b. Vehicle had a new body installed in 2011 which extends life for 4 years.

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS AND WATER RESOURCES
SEWER DIVISION

Presented to City Council November 11, 2013

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
SEWER FUND**

		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM							
		PRIOR YEARS	2013 BUDGET	RECOMMENDED FUNDING					
				2014	2015	2016	2017	2018	TOTAL
S1301	Underground Fuel Tank Replacement	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
S1201	Sewer Jet Truck 243 Replacement	0	0	300,000	0	0	0	0	300,000
S0904	Sanitary Sewer Study & Repairs	260,344	120,000	308,000	500,000	400,000	400,000	400,000	2,008,000
	Total Sewer	\$260,344	\$160,000	\$608,000	\$500,000	\$400,000	\$400,000	\$400,000	\$2,308,000
	GROSS CAPITAL IMPROVEMENTS	\$260,344	\$160,000	\$608,000	\$500,000	\$400,000	\$400,000	\$400,000	\$2,308,000
	LESS: USE OF RESERVES	(260,344)	0	(188,000)	0	0	0	0	(188,000)
	VEHICLE & EQUIPMENT REPLACEMENT	0	0	(146,156)	0	0	0	0	(146,156)
	GRANTS	0	0	0	0	0	0	0	0
	BOND ISSUES	0	0	0	0	0	0	0	0
	OTHER FINANCING SOURCES	0	0	0	0	0	0	0	0
	NET CAPITAL IMPROVEMENTS	\$0	\$160,000	\$273,844	\$500,000	\$400,000	\$400,000	\$400,000	\$1,973,844

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.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		153,844					153,844
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		146,156					146,156
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: WATER AND WASTEWATER		DIVISION: WASTEWATER	
PROJECT NO: S0904	PROJECT TITLE: SANITARY SEWER STUDIES AND REPAIRS		
PROJECT LOCATION:		CHRISTINA SEWER BASIN	
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 will fund the investigation of the condition of the sanitary sewer system, system cleaning, and will result 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 activating. 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 2014 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 problem causing them. 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	2017	Labor					
Est. Useful Life (in years)	50	Materials					
Est. Total Cost	2,200,344	Other Contracts	5395306.958		2,008,000		
Est. Spent @ 12/31 (if underway) ¹	192,344	Total Project Cost				2,008,000	
Balance to be funded ¹	2,008,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		120,000	500,000	400,000	400,000	400,000	1,820,000
CAPITAL RESERVES	188,000						188,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	188,000	120,000	500,000	400,000	400,000	400,000	2,008,000

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

2014-2018 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS AND WATER RESOURCES

PUBLIC WORKS DIVISION

Presented to City Council November 11, 2013

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
PUBLIC WORKS DEPARTMENT-GENERAL FUND**

		PRIOR YEARS	2013 BUDGET	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
				2014	2015	2016	2017	2018	
R1401	Solar Powered Compactors	\$0	\$0	\$180,000	\$40,500	\$0	\$0	\$0	\$220,500
R0602	Transfer Station Upgrades	0	0	0	0	0	0	0	0
R9401	Transfer Station Closure Costs	154,170	0	154,170	0	0	0	0	154,170
REQSF	Vehicle Replacement Program	0	303,000	825,000	265,000	542,000	165,000	165,000	1,962,000
H1401	Annual Street Program	999,561	1,000,000	1,000,000	1,300,000	1,300,000	1,300,000	1,300,000	6,200,000
H1402	ADA Handicap Ramp Transition Plan	117,422	63,000	120,000	120,000	120,000	120,000	120,000	600,000
H1403	Pedestrian Crossing Signalization	0	0	0	100,000	100,000	0	0	200,000
H1301	Storm Drainage Improvements	0	150,000	200,000	200,000	200,000	200,000	200,000	1,000,000
H1302	Country Club Drive Traffic Calming	0	50,000	50,000	0	0	0	0	50,000
H1303	Cherry Hill Manor Service Road	0	350,000	350,000	0	0	0	0	350,000
H0206	Municipal Bldg Parking Lot Improvements	0	0	270,000	0	0	0	0	270,000
HEQSF	Vehicle Replacement Program	0	351,500	193,000	388,000	165,000	175,000	175,000	1,096,000
T0101	NPDES Phase II Stormwater Quality	0	40,000	40,000	40,000	40,000	40,000	40,000	200,000
TEQSF	Vehicle Replacement Program	0	18,000	26,500	45,000	42,000	0	0	113,500
Total Public Works-General Fund		\$1,271,153	\$2,325,500	\$3,408,670	\$2,498,500	\$2,509,000	\$2,000,000	\$2,000,000	\$12,416,170
GROSS CAPITAL IMPROVEMENTS		\$1,271,153	\$2,325,500	\$3,408,670	\$2,498,500	\$2,509,000	\$2,000,000	\$2,000,000	\$12,416,170
LESS: USE OF RESERVES		(726,153)	(428,000)	(1,016,201)	0	0	0	0	(1,016,201)
VEHICLE & EQUIPMENT REPLACEMENT		0	(672,500)	(1,044,500)	(698,000)	(749,000)	(340,000)	(340,000)	(3,171,500)
GRANTS		(545,000)	(545,000)	(545,000)	(545,000)	(545,000)	(545,000)	(545,000)	(2,725,000)
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$0	\$680,000	\$802,969	\$1,255,500	\$1,215,000	\$1,115,000	\$1,115,000	\$5,503,469

PUBLIC WORKS

The Public Works Department coordinates and directs the City's refuse collection, street and vehicle maintenance and engineering operations. In addition to supervising operations, this program involves contract administration, fiscal management and reporting, and capital planning. Monitoring and inspection of stormwater management facilities is a major task of the Department's engineering program. In addition, construction plans and calculations are reviewed as part of this function for all subdivision work. The City is mandated to meet requirements of Phase II of the National Pollutant Discharge Elimination System (NPDES). This is a federal EPA program to improve stormwater discharges. Regarding trash collection, curbside residential collection services are provided twice weekly. Limited collection of commercial refuse is available on a fee basis. Other services provided by this program include bulk refuse collection, street sweeping and yard waste collection. The Department's street maintenance program provides safe transit of vehicles and pedestrians on streets and rights-of-way. Approximately two-thirds of Newark's roadways or 66 miles are maintained under this program. The Department's equipment maintenance program is responsible for keeping the City's fleet of 162 vehicles, heavy equipment and trucks operational. This function also maintains 53 trailers, generators and other motorized equipment.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION: REFUSE
PROJECT NO: R1401	PROJECT TITLE: SOLAR POWERED REFUSE AND RECYCLING COMPACTORS	
PROJECT LOCATION: MAIN STREET PARKS AND OTHER LOCATIONS		
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: Collection of trash on Main Street and in City Parks is a seven day per week operation. The use of solar compactors is expected to allow us to collect the trash once a week. As part of our refuse and recycling optimization program we have identified the need to have a small truck to serve the areas where the larger more efficient equipment may not be able to easily operate. To maximize efficiency this truck would have a refuse and recycling chamber so that we could collect both refuse streams on the same day similar to what we would be doing elsewhere in the city. This truck would also be used to collect the trash from the Parks and Main Street. Year 1: Refuse & Recycling Compactors on Main Street Year 2: Data for Refuse & Recycling Compactors (tentative: year one is free; Year two is optional if we see value in data available).		

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)	15	Materials		
Est. Total Cost	220,500	Other Contracts	3063006.9622	220,500
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		220,500
Balance to be funded ¹	220,500	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		180,000	40,500				220,500
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	180,000	40,500	-	-	-	220,500

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	REFUSE
PROJECT NO:	PROJECT TITLE:		
R0602	TRANSFER STATION UPGRADES		
PROJECT LOCATION:		TRANSFER STATION	
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:

No additional investment required. Transfer station will be closed. Transfer station closing costs are shown in project R9401. The narrative from previous CIP documents is referenced below to show cost savings, but 2014 and all out years correctly reflect \$0 cost.

Previous CIP Narrative no Longer Applicable:

Provide needed maintenance to Transfer Station and create contingency fund for unforeseen repairs. A floor replacement was needed in 2004 at a cost of \$8,000. The walls of the compactor unit are showing wear, overhaul of hydraulic cylinder has been required approximately every four years, the existing scale is thirty years old and we have been advised that it can no longer be calibrated.

Hot mix mill & overlay	\$150,000	} This \$285,000 now represents permanent savings attributable to the closure of the transfer station
Scale Replacement:	\$100,000	
Cylinder Overhaul:	\$ 20,000	
Compactor Floor/Wall Replacement:	\$ 10,000	
Internal Labor:	\$ 5,000	

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2006	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		-
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	-	Other Contracts		-
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		-
Balance to be funded ¹	-	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	-	-	-	-

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	154,170	Other Contracts	3063006.9580	154,170
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		154,170
Balance to be funded ¹	154,170	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	154,170						154,170
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	154,170	-	-	-	-	-	154,170

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:	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: 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.			
Vehicle 410 (targeted for 2013 replacement - ordered in 2013 but being built / received in 2014)			
Vehicles 411 and 456 will also be replaced in 2014. All three vehicles are being replaced with one-man packers.			

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	1,962,000	Other Contracts	3063026.962	1,962,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		1,962,000
Balance to be funded ¹	1,962,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		825,000	265,000	542,000	165,000	165,000	1,962,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	825,000	265,000	542,000	165,000	165,000	1,962,000

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 2014-2018
PUBLIC WORKS DEPARTMENT, REFUSE DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
REFUSE COLLECTION												
409	2006 Int'l 7400 One-Man Packer	09/12/05	146,659	44,955	65,000	11	2016			271,000		
410	2004 Int'l 7400 One-Man Pack	a, 01/16/04	124,302	51,579	65,000	10	2014	275,000				
411	2006 Int'l 7500 Refuse Truck	03/29/06	151,458	51,000	65,000	9	2014	275,000				
418	2008 Int'l 7400 Refuse Truck	07/29/08	117,075	23,887	65,000	9	2017				165,000	
423	2009 Int'l 7400 Refuse Truck	06/11/09	151,775	33,540	85,000	10	2019					165,000
453	2006 Int'l 7400 Refuse Truck	03/30/06	182,452	52,628	75,000	10	2016			271,000		
454	2006 Int'l 7500 Refuse Truck	02/12/05	177,652	53,094	65,000	11	2016		265,000			
456	2004 Int'l 7400 One-man Packer	01/16/04	124,302	59,704	65,000	10	2014	275,000				
SPECIAL COLLECTION												
440	2011 Freightliner Knuckleboom	06/17/11	116,148	21,311	100,000	10	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	98,367	125,000	10	2014	0				
495	1998 Spector Tec Ejector Trailer	b, 10/02/98	34,200	--	--	17	2015					
496	2003 Spector Aluminum Dump Trailer	b, 06/20/03	31,383	--	--	12	2015					
497	2008 Sterling LT9500 Semi Tractor	b, 07/11/08	94,500	48,389	125,000	11	2019					
498	2000 SpecTec Ejector Trailer	b, 09/15/00	34,000	--	--	14	2014	0				
499	1999 SpecTec Closed Top Ejector Trail	b, 10/01/99	34,000	--	--	14	2013					
TOTAL REFUSE DIVISION								\$825,000	\$265,000	\$542,000	\$165,000	\$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.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION: STREETS
PROJECT NO: H1401	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		82,274	785,000	785,000	785,000	785,000	3,222,274
CAPITAL RESERVES	402,726						402,726
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)		515,000	515,000	515,000	515,000	515,000	2,575,000
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	402,726	597,274	1,300,000	1,300,000	1,300,000	1,300,000	6,200,000

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:	PUBILC WORKS	DIVISION:	STREETS
PROJECT NO:	PROJECT TITLE:		
H1402	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 Americans with Disabilities Act (ADA) requires incorporated communities to establish a transition plan to upgrade their public facilities to ADA standards. We currently have 748 ramps that don't meet ADA standards and 40 locations without ramps. Establishing a twenty-year transition plan at \$1,500 per ramp and 3% inflation will require \$120,000 per year for the next twenty years.

The balance of \$2,194,578 to be funded does not agree with the CIP program total of \$600,000 because the CIP plan runs through 2018 while the project runs through 2028.

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	805,422	Other Contracts	3063006.976	600,000
Est. Spent @ 12/31 (if underway) ¹	205,422	Total Project Cost 600,000		
Balance to be funded ¹	600,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter (although project costs prior to 2012 are not shown here).		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		70,695	90,000	90,000	90,000	90,000	430,695
CAPITAL RESERVES	19,305						19,305
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify) CDBG		30,000	30,000	30,000	30,000	30,000	150,000
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	19,305	100,695	120,000	120,000	120,000	120,000	600,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION: WATER
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:	2 - Medium 2015+	

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 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 Delaware Avenue crossing in 2015 and East Main Street 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
% Complete (if underway)	0	Total Project Cost		200,000

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	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

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	STREET
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 noteable 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.

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	1,000,000	Other Contracts	3063006.972	1,000,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		1,000,000
Balance to be funded ¹	1,000,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		200,000	200,000	200,000	200,000	200,000	1,000,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	200,000	200,000	200,000	200,000	200,000	1,000,000

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:	PROJECT TITLE:		
H1302	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.

Original cost proposal, 2013:
Center Diversion Island - \$25,000
Chokers - \$25,000

2014 Update:
Tom and Roy are meeting with the community to reevaluate the project in light of new information regarding traffic calming principles.
We will develop a new proposal and implement with the existing funding.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	50,000						50,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	50,000	-	-	-	-	-	50,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	STREET
PROJECT NO:	PROJECT TITLE:		
H1303	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 ► Critical Infrastructure – maintain ops & avoid failure			

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 will result in our inability to collect refuse and recycling in the near future.

Contract development and letting is underway. This effort was delayed as a result of necessary interactions with cable companies and the need to locate and in some areas move their wires to more suitable locations. We anticipate the contract to be let by the end of 2013 with a start time in early spring 2014.

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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	350,000						350,000
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:	PUBLIC WORKS	DIVISION:	STREET
PROJECT NO:	PROJECT TITLE:		
H0206	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: 1 - High JUSTIFY ► 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	2014	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	2014	2015	2016	2017	2018	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:	PROJECT TITLE:		
HEQSF	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: 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.			
2014 - Vehicle #522 - 1997 Dump Truck being replaced.			

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	1,096,000	Other Contracts	3063026.962	1,096,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		1,096,000
Balance to be funded ¹	1,096,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		193,000	388,000	165,000	175,000	175,000	1,096,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	193,000	388,000	165,000	175,000	175,000	1,096,000

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 2014-2018
PUBLIC WORKS DEPARTMENT, STREET DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
FOREMAN'S TRUCK												
504	2012 Ford Pickup Truck 4X4	09/21/12	26,245	6,165	110,000	10	2022					
515	2013 Ford F150 Pickup	06/28/13	19,994	0	95,000	10	2023					
SIGNS & PAINTING												
551	2012 Ford F450 Stake Truck	01/20/12	50,759	10,544	100,500	10	2022					
DUMP TRUCKS												
522	1997 Int'l 4900 Dump Truck	b. 01/24/97	67,965	71,133	75,000	17	2014	193,000				
523	2012 International 7400 SBA	c. 10/14/11	216,985	6,496	75,000	7	2018					175,000
528	2002 Int'l 4900 Dump Truck	08/31/01	88,107	45,126	100,000	14	2015		170,000			
542	2006 Ford SuperDuty F-350 Dump	08/18/06	32,046	46,093	85,000	11	2017				45,000	
550	2004 Int'l Dump Truck	11/21/03	95,845	42,777	75,000	12	2015		158,000			
553	2013 Intl 7400 Dump Truck/Swap Load	d. 03/28/13	216,985	100	80,000	10	2023					
554	2004 Int'l 7400 Dump Truck	11/21/03	95,845	42,220	60,000	13	2016			165,000		
OTHER EQUIPMENT												
508	2000 Tarco Windy 400 Vac Leaf Loader	e. 12/15/00	35,200	--	--							
509	2001 Tarco Windy 400 Vac Leaf Loader	e. 07/13/01	35,200	--	--							
510	1998 Tarco Windy 400 Vac Leaf Loader	02/20/98	34,689	--	--	17	2015		60,000			
511	2001 Case 590 SM Loader/Backhoe	a. 06/08/01	47,490	--	--	12	2013					
531	2003 JCB Model 426 Loader	11/07/03	93,872	--	--	14	2017				130,000	
TOTAL STREET DIVISION								\$193,000	\$388,000	\$165,000	\$175,000	\$175,000

a. This vehicle scheduled to be replaced in 2013.

b. We replaced the body of this truck in 2011 at the cost of \$8,500 due to corrosion, extending the life by two years, which was the high end of expectations

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

d. This vehicle is our second Swaploader- funds from 508 and 509 (not to be replaced) were used to purchase in 2013.

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

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION: ENGINEERING
PROJECT NO: T0101	PROJECT TITLE: NPDES PHASE II STORMWATER QUALITY 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 plan submittal, we have planned the following:

Install in-line storm sewer quality controls at McKees Park, Rahway Park, Handloff Park, and Yorkshire Woods I.

It was in the City's best interest to delay any work in 2013 due to uncertainty associated with impending changes to our permit. We are therefore skipping 2014 funding (we will use 2013 funds in 2014) and planning on \$40,000 annually thereafter.

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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			40,000	40,000	40,000	40,000	160,000
CAPITAL RESERVES	40,000						40,000
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	40,000	-	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	DIVISION:	ENGINEERING
PROJECT NO:	PROJECT TITLE:		
TEQSF	VEHICLE REPLACEMENT PROGRAM		
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 ► 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. 2014 - replace vehicle #714 - 2001 Dodge Ram Pickup			

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	113,500	Other Contracts	3063026.962	113,500
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		113,500
Balance to be funded ¹	113,500	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 ongoing project, only future costs are considered.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		26,500	45,000	42,000			113,500
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	26,500	45,000	42,000	-	-	113,500

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**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2014-2018
PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
STAFF CARS												
714	2001 Dodge Ram 2500 Pickup	02/09/01	22,253	73,852	85,000	13	2014	26,500				
735	2002 Dodge Ram 1500 Pickup	04/26/02	13,543	68,818	80,000	13	2015		21,000			
INSPECTORS												
700	2001 Jeep Cherokee 4X4	03/16/01	18,814	45,390	65,000	14	2015		24,000			
711	2003 Dodge Ram 1500 Pickup	09/13/02	14,980	38,283	52,000	14	2016			21,000		
748	2003 Chevrolet 1500 Pickup	06/06/03	12,488	45,231	60,000	13	2016			21,000		
SURVEY VAN												
746	2013 Ford Van Transit Connect	08/30/13	21,806	0	99,000	12	2025					
TOTAL ENGINEERING DIVISION								\$26,500	\$45,000	\$42,000	\$0	\$0

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

PUBLIC WORKS AND WATER RESOURCES
MAINTENANCE FUND

Presented to City Council November 11, 2013

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
PUBLIC WORKS DEPARTMENT-MAINTENANCE FUND

		PRIOR YEARS	2013 BUDGET	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
				2014	2015	2016	2017	2018	
M1401	Wireless Heavy Truck Lift System	\$0	\$0	\$0	\$65,000	\$0	\$0	\$0	\$65,000
M1402	Repairs to Large Vehicle Lift System	0	0	30,000	0	0	0	0	30,000
M1301	UST Concrete Slab Replacement	0	0	0	30,000	0	0	0	30,000
M1303	HVAC Ductwork Cleaning	0	25,000	0	0	0	0	0	0
M1304	French Drain Project	0	20,000	0	0	0	0	0	0
M1101	New Roof on Old Warehouse	0	0	0	95,000	0	0	0	95,000
MEQSF	Vehicle Replacement Program	0	0	0	23,000	0	25,000	0	48,000
Total Public Works-Maintenance Fund		\$0	\$45,000	\$30,000	\$213,000	\$0	\$25,000	\$0	\$268,000
GROSS CAPITAL IMPROVEMENTS		\$0	\$45,000	\$30,000	\$213,000	\$0	\$25,000	\$0	268,000
LESS: USE OF RESERVES		0	0	0	0	0	0	0	0
VEHICLE & EQUIPMENT REPLACEMENT		0	0	0	(23,000)	0	(25,000)	0	(48,000)
GRANTS		0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$0	\$45,000	\$30,000	\$190,000	\$0	\$0	\$0	\$220,000

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PUBLIC WORKS	DIVISION:	MAINTENANCE
PROJECT NO:	PROJECT TITLE:		
M1401	WIRELESS SIX COLUMN HEAVY TRUCK LIFT SYSTEM		
PROJECT LOCATION:		MAINTENANCE SHOP	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY:		2 - Medium 2015+	

DESCRIPTION & JUSTIFICATION:

The current lift system is old and parts are no longer available to repair the system in a timely manner. Our ability to repair and recertify the system often involves locating used parts. The new system will provide the latest technology utilizing wireless communication between the lifts to coordinate their movement versus the wired system that we currently use. These lifts are the only equipment that we have to elevate the tandem axle equipment that we have in the fleet.

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	6006006.9622	65,000
Est. Total Cost	65,000	Other Contracts		
Est. Spent @ 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)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			65,000				65,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
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:	PUBLIC WORKS	DIVISION:	MAINTENANCE
PROJECT NO:	PROJECT TITLE:		
M1402	REPAIR THE IN GROUND LARGE VEHICLE LIFT SYSTEM		
PROJECT LOCATION:	MAINTENANCE SHOP		
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 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 ensure continued safe and reliable operation so that we can maintain our fleet of equipment.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	15	Materials		
Est. Total Cost	30,000	Other Contracts		30,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		30,000
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	2014	2015	2016	2017	2018	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:	PUBLIC WORKS	DIVISION:	MAINTENANCE
PROJECT NO:	PROJECT TITLE:		
M1301	UST CONCRETE SLAB REPLACEMENT		
PROJECT LOCATION:		MAINTENANCE YARD	
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 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, and this project will be scheduled for 2015.

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)	20	Materials		
Est. Total Cost	30,000	Other Contracts	6006006.962	30,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		30,000
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	2014	2015	2016	2017	2018	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:	PUBLIC WORKS	DIVISION:	MAINTENANCE
PROJECT NO:	PROJECT TITLE:		
M1101	NEW ROOF ON OLD WAREHOUSE		
PROJECT LOCATION:		MAINTENANCE YARD	
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance	
PRIORITY: 2 - Medium 2015+ Health, Safety, or Environmental Remediation			

DESCRIPTION & JUSTIFICATION:

The old warehouse roof received a major patch in 2009 with the intent to hold off on a new roof for a few years.

This project was being considered for 2014, but the patch should hold for another year (although it is leaking in other spots), and we may want to consider a demolition of the old warehouse and replace it with a pole barn instead (save money - aesthetically appealing - more efficient). Discussion and evaluation of this option will take place prior to 2015.

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	95,000	Other Contracts	6006006.962	95,000
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	2014	2015	2016	2017	2018	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	DIVISION:	MAINTENANCE
PROJECT NO:	PROJECT TITLE:		
MEQSF	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	48,000	Other Contracts	6006006.962	48,000			
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		48,000			
Balance to be funded ¹	48,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			23,000		25,000		48,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	23,000	-	25,000	-	48,000

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 2014-2018
PUBLIC WORKS DEPARTMENT, MAINTENANCE DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
	MECHANICS											
650	2006 Ford F350 Pickup Truck	01/19/06	17,805	25,869	89,000	11	2017				25,000	
652	2001 Dodge Ram Van	03/09/01	17,114	74,679	75,000	14	2015		23,000			
TOTAL MAINTENANCE DIVISION								<u>\$0</u>	<u>\$23,000</u>	<u>\$0</u>	<u>\$25,000</u>	<u>\$0</u>

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

POLICE DEPARTMENT

Presented to City Council November 11, 2013

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
POLICE DEPARTMENT-GENERAL FUND**

		FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM							
		PRIOR YEARS	2013 BUDGET	RECOMMENDED FUNDING					
				2014	2015	2016	2017	2018	TOTAL
C1401	Ballistic Vests	\$0	\$0	\$16,500	\$4,000	\$25,000	\$5,000	\$3,000	\$53,500
C1402	Video System Upgrade-Interview Rooms	\$0	0	41,285	0	0	0	0	41,285
C1403	T2 Ticketing Software	\$0	0	65,000	0	0	0	0	65,000
C1301	Automated External Defibrillators	\$0	33,000	0	0	0	0	0	0
C1302	Evidence Locker HVAC Project	0	35,000	0	0	0	0	0	0
C1001	Patrol Rifles	24,480	0	0	24,500	0	0	0	24,500
C1002	Service Weapons	0	26,000	26,000	0	0	0	0	26,000
C0902	Carpet Replacement	0	0	30,600	0	0	0	0	30,600
CEQSF	Vehicle Replacement Program	0	60,000	87,000	286,500	84,000	200,000	0	657,500
Total Police		\$24,480	\$154,000	\$266,385	\$315,000	\$109,000	\$205,000	\$3,000	\$898,385
GROSS CAPITAL IMPROVEMENTS		\$24,480	\$154,000	\$266,385	\$315,000	\$109,000	\$205,000	\$3,000	898,385
LESS: USE OF RESERVES		0	0	(20,776)	0	0	0	0	(20,776)
VEHICLE & EQUIPMENT REPLACEMENT		0	(60,000)	(128,285)	(286,500)	(84,000)	(200,000)	0	(698,785)
GRANTS		0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$24,480	\$94,000	\$117,324	\$28,500	\$25,000	\$5,000	\$3,000	\$178,824

POLICE DEPARTMENT

* * *

The Newark Police Department exists to preserve life and property, to enforce the law, to solve community problems, and to protect the right of all citizens to live in a safe, peaceful environment. To accomplish these broad goals, the Department continues to enhance police operations through efficient and effective delivery of services. The Capital Improvement Program supports the police operation by providing funding that allows the Department to purchase major equipment items to improve the delivery of police services and ensure the safety of the citizens and Police Department employees.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Police	DIVISION:
PROJECT NO:	PROJECT TITLE:	
C1401	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 Years	Materials	3063006.9622	53,500
Est. Total Cost	53,500	Other Contracts		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		53,500
Balance to be funded ¹	53,500	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		16,500	4,000	25,000	5,000	3,000	53,500
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	16,500	4,000	25,000	5,000	3,000	53,500

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:	Police	DIVISION:
PROJECT NO: C1402	PROJECT TITLE: Video System Upgrade for Public Safety Interview Rooms	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY: 1 - High JUSTIFY ►		
DESCRIPTION & JUSTIFICATION: Integrate Public Safety's interview rooms into the L3 (in-car) video system. Currently each room has its own DVD recorder which is 10-12 years old. We have experienced performance issues recently, one of the recorders would not finalize a disk requiring DSP's Hi-Tec crime unit to recover the recording. Integrating into the L3 system would efficiently manage our interrogation recordings. This will include: USB Extension Cable \$768.00 Flashback 3 Digital System \$23,130.32 8TB Storage Server, DVD Burner \$14,491.09 4 - 19" Monitors \$674.48 Blackbox 1000' cable \$220.78, Implementation Services \$2,000. Annual maintenance = 1200 (\$300 per unit).		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program		CLASSIFICATION	ACCOUNT NUMBERS			AMOUNT	
Est. Completion Date		Labor				2,000	
Est. Useful Life (in years)	5 years	Materials				39,285	
Est. Total Cost	\$ 41,285	Other Contracts					
% Complete (if underway)		Total Project Cost			\$ 41,285		
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		\$ 41,285					41,285
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	41,285	-	-	-	-	41,285

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Police	DIVISION:
PROJECT NO:	PROJECT TITLE:	
C1403	T2 Ticketing System	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		
PRIORITY: 1 - High JUSTIFY ► Must undertake project to meet or remediate service level		

DESCRIPTION & JUSTIFICATION:

The Cardinal ticketing system is at the end of its support life and does not integrate well with our merchant (payment) solutions. Further, the T2 system being proposed is a preferred solution for interfacing with the smart parking meter platform, which is being introduced as a capital item in the Parking Division this year.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program		CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date		Labor					
Est. Useful Life (in years)	7 years	Materials					
Est. Total Cost	\$ 65,000	Other Contracts			65,000		
% Complete (if underway)		Total Project Cost				\$ 65,000	
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		65,000					65,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	65,000	-	-	-	-	65,000

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Police	DIVISION:
PROJECT NO:	PROJECT TITLE:	
C1001	Patrol Rifles	
PROJECT LOCATION:		
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN): Equipment (new or replacement)		
PRIORITY: 2 - Medium 2015+ Critical component of existing equipment or vehicle replacement program		
DESCRIPTION & JUSTIFICATION: The patrol rifles currently used by the Police Department were purchased in 1997 and 1999. Our armorer has estimated the useful life of these rifles to be 10 years. A total of twenty (20) patrol rifles are needed as well as the purchase of accessories such as slings, lights, and cases.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2010	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2015	Labor		
Est. Useful Life (in years)	10 Years	Materials	3063006.9622	24,500
Est. Total Cost	48,980	Other Contracts		
Est. Spent @ 12/31 (if underway) ¹	24,480	Total Project Cost		24,500
Balance to be funded ¹	24,500	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			24,500				24,500
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	24,500	-	-	-	24,500

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:	Police	DIVISION:
PROJECT NO:	PROJECT TITLE:	
C1002	Service Weapons	
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:

The service weapons currently used by the Police Department were purchased in 2003. Our armorer has projected the useful life of the service weapons to be 10 years. A total of seventy (70) service weapons are needed to be purchased to replace the old ones.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2010	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	10	Materials	3063006.9622	26,000
Est. Total Cost	26,000	Other Contracts		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		26,000
Balance to be funded ¹	26,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		26,000					26,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	26,000	-	-	-	-	26,000

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:	PROJECT TITLE:	
C0902	Carpet Replacement	
PROJECT LOCATION: Administration Division / Criminal Investigations Division		
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 carpeting in the Administration and Criminal Divisions of the police facility have never been replaced and is now nearly 18 years old. All other carpeting throughout the facility has been replaced. The carpets are tattered and seams are fraying, which creates a tripping hazard. The carpet in one office has sustained water damage on a continuous basis due to roof leaks. The estimated cost also includes professional removal and reinstallation of the workstations and other office furniture.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2009	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	10 Years	Materials		
Est. Total Cost	30,600	Other Contracts	3063006.9624	30,600
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		30,600
Balance to be funded ¹	30,600	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		9,824					9,824
CAPITAL RESERVES	20,776						20,776
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	20,776	9,824	-	-	-	-	30,600

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:	PROJECT TITLE:	
CEQSF	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. Vehicles #900, #906, and #909 will be replaced in 2014.		

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	657,500	Other Contracts	3063026.9623	657,500
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		657,500
Balance to be funded ¹	657,500	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		87,000	286,500	84,000	200,000		657,500
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	87,000	286,500	84,000	200,000	-	657,500

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 2014-2018
POLICE DEPARTMENT PAGE 1 OF 2

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE	EST	NORMAL	EST YR	REPLACEMENT COSTS					
				AS OF 04/30/2013	MILEAGE AT REPL	YEARS LIFE	TO BE REPL	2014	2015	2016	2017	2018	
STAFF CARS													
921	2003 Ford Crown Victoria	07/02/03	19,938	62,916	65,000	12	2015		30,000				
924	2013 Chevy Caprice PPV Patr	06/28/13	32,854	0	65,000	9	2022						
927	2006 Ford Crown Victoria	08/11/06	23,093	45,345	75,000	9	2015		30,000				
PATROL													
900	2006 Dodge Charger Sedan	06/23/06	23,342	82,818	75,000	8	2014	27,000					
905	2008 Ford Crown Victoria	03/13/09	29,590	90,746		6	2015		30,000				
906	2008 Ford Crown Victoria	05/28/08	20,631	99,922	105,000	6	2014	30,000					
907	2013 Chevy Caprice PPV Patrol	06/28/13	33,392	0	75,000	7	2020						
909	2004 Ford Crown Victoria	05/06/04	19,789	115,034	120,000	10	2014	30,000					
910	2012 Chevy Caprice PPV Patrol	07/26/12	34,910	16,827	110,000	8	2020						
914	2005 Ford Crown Victoria	03/21/05	24,568	80,778	85,000	10	2015		30,000				
915	2012 Chevy Caprice PPV Patrol	08/02/12	34,882	18,161	110,000	8	2020						
918	2010 Ford Crown Victoria	08/12/10	27,787	53,112	75,000	7	2017					30,000	
923	2010 Ford Crown Victoria	08/12/10	28,151	46,730	75,000	7	2017					30,000	
925	2010 Ford Crown Victoria	08/12/10	27,787	43,841	75,000	7	2017					30,000	
926	2011 Ford Crown Victoria	07/29/11	29,584	41,285	75,000	8	2019						
928	2010 Ford Crown Victoria	08/12/10	28,151	50,392	75,000	7	2017					30,000	
929	2008 Ford Crown Victoria	05/28/08	21,001	49,977	100,000	7	2015		30,000				
931	2012 Chevy Tahoe LS SUV	07/26/12	37,469	7,998	75,000	8	2020						
935	2012 Chevy Caprice PPV Patrol	07/26/12	34,846	17,244	75,000	8	2020						
936	2011 Ford Crown Victoria	01/21/11	28,373	42,079	75,000	8	2019						
937	2006 Ford E-350 Super Van	12/08/06	26,800		15,000	15	2021						
941	2012 Chevy Caprice PPV Patrol	10/12/12	39,103	3,931	110,000	8	2020						
991	2009 Ford F250 3/4 Ton Pickup	04/24/09	37,488	30,537	80,000	10	2019						
994	2008 Ford Crown Victoria	05/09/08	24,420	53,650	75,000	7	2015		30,000				
998	2008 Chev Mobile Command Center	07/31/09	197,920										

(Continued on next page)

CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2014-2018
POLICE DEPARTMENT PAGE 2 OF 2

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE	EST	NORMAL	EST YR	REPLACEMENT COSTS					
				AS OF 04/30/2013	MILEAGE AT REPL	YEARS LIFE	TO BE REPL	2014	2015	2016	2017	2018	
CRIMINAL													
911	2012 Chevy Impala	06/08/12	21,534	6,111	65,000	8	2020						
912	2010 Ford Crown Victoria	05/28/10	23,474	31,276	65,000	7	2017					30,000	
913	2013 Chevrolet Impala	08/09/13	22,644	0	65,000	7	2020						
920	2011 Ford Crown Victoria	07/22/11	24,414	12,329	75,000	8	2019						
922	2003 Ford Crown Victoria	05/24/02	20,293	83,366	65,000	13	2015		30,000				
932	2004 Ford 15 Passenger Van	03/19/04	19,307	11,031	75,000	12	2016				24,000		
938	2005 Ford Excursion	01/28/08	N/A	N/A	N/A	N/A	N/A						
990	2004 Chevrolet Silverado	05/03/07	2,723	--	--	N/A	N/A						
TRAFFIC													
902	2005 Harley Davidson	06/24/05	5,911		80,000	10	2015		7,500				
903	2005 Harley Davidson	06/24/05	5,911	12,696	80,000	10	2015		7,500				
904	2005 Harley Davidson	05/20/05	5,911	10,790	80,000	10	2015		7,500				
908	2010 Chevrolet Tahoe K1500 LS	08/05/10	35,596	31,108	90,000	7	2017					25,000	
916	2011 Ford Ranger	03/09/12	21,178	18,268	80,000	8	2020						
917	2006 Dodge Charger	10/13/06	23,470	72,069	75,000	9	2015		27,000				
919	2010 Dodge Ram 1500 Pickup	06/04/10	18,574	43,013	90,000	7	2017					25,000	
930	2008 Ford Crown Victoria	08/13/08	21,985	82,121	80,000	8	2016				30,000		
934	2006 Dodge Durango	03/02/06	21,545	65,076	75,000	9	2015		27,000				
939	2008 Ford Crown Victoria	08/13/08	21,985	48,228	80,000	8	2016				30,000		
TOTAL POLICE DEPARTMENT								\$87,000	\$286,500	\$84,000	\$200,000	\$0	

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

PARKS & RECREATION DEPARTMENT

Presented to City Council November 11, 2013

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
PARKS & RECREATION DEPARTMENT-GENERAL FUND

		PRIOR YEARS	2013 BUDGET	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					
				2014	2015	2016	2017	2018	TOTAL
K1301	Hard Surface Facility Improvements	\$0	\$0	\$30,000	\$605,000	\$388,000	\$335,000	\$100,000	\$1,458,000
K1302	Hill Park Baseball Field Drainage	0	45,000	164,850	0	0	0	0	164,850
K1303	Facilities Accessibility	0	0	45,000	45,000	45,000	45,000	45,000	225,000
K1304	Maintenance Pickup Truck	0	0	0	30,000	0	0	0	30,000
K1305	Trail Improvements	0	0	65,000	0	0	0	0	65,000
K1202	Kershaw Park Lot Improvements	0	0	0	0	350,000	0	0	350,000
K1203	Old Paper Mill Park Improvements	0	0	0	0	600,000	1,200,000	0	1,800,000
K1204	Curtis Mill Park Improvements	0	802,000	1,304,894	0	0	0	0	1,304,894
K1102	Tennis/Basketball Court Light Replacements	0	0	42,000	0	0	0	0	42,000
K1103	Tree Pit Replacment/Electric Service	0	100,000	0	0	0	0	0	0
K1005	Rittenhouse Footbridge Rehabilitation	0	0	0	80,000	0	0	0	80,000
K0908	Play Equip Purch-Rittenhouse,Phillips, Stafford	0	0	0	60,000	0	0	0	60,000
KEQSF	Vehicle Replacement Program	0	123,000	20,000	274,000	150,000	0	0	444,000
Total Parks & Recreation		\$0	\$1,070,000	\$1,671,744	\$1,094,000	\$1,533,000	\$1,580,000	\$145,000	\$6,023,744
GROSS CAPITAL IMPROVEMENTS		\$0	\$1,070,000	\$1,671,744	\$1,094,000	\$1,533,000	\$1,580,000	\$145,000	\$6,023,744
LESS: USE OF RESERVES		0	0	(698,880)	0	0	0	0	(698,880)
VEHICLE & EQUIPMENT REPLACEMENT		0	(123,000)	(15,000)	(274,000)	(150,000)	0	0	(439,000)
GRANTS		0	(250,000)	(803,364)	0	0	0	0	(803,364)
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$0	\$697,000	\$154,500	\$820,000	\$1,383,000	\$1,580,000	\$145,000	\$4,082,500

PARKS AND RECREATION DEPARTMENT

* * *

The Parks and Recreation Department directs and supervises all parks, recreation and horticulture programs, facilities and operation, including planning and maintenance as well as overseeing the design and construction of facilities such as playgrounds, athletic fields, parks, landscaped sites and buildings. The Department's recreation services program provides more than 300 year-round programs, events and leisure activities to Newark residents and the surrounding area. The park maintenance/horticulture program maintains parks and landscape sites throughout Newark. Those areas include:

- 658 Acres encompassing 32 parks, valley stream areas and open space sites, more than half of which are forested
- 270 Units of Park Play Equipment and Amenities which include children's play units, footbridges, benches, bike racks and picnic tables
- 18 Tennis Courts
- 19 Basketball Courts
- 10 Baseball/Softball Fields
- 2 Skate Board Facilities
- 2 Pools
- 12 Buildings
- 15 Parking Lots (Paved)
- 2 Parking Lots (Stoned)
- 11 Shelters
- 2 Street Hockey Courts
- 8 Horseshoe Courts
- 16.8 miles of Hard Surface and Natural Trails
- 42 Landscaped Sites
- Snow removal – 11.5 miles of sidewalks and trails and 15 parking lots

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PARKS AND RECREATION	DIVISION:
PROJECT NO:	PROJECT TITLE:	
K1301	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, tennis courts, street hockey courts, trails, parking lots, ramps, etc, are evaluated each year and scheduled for periodic replacement, upgrades, and/or resurfacing. The attached document exhibits the most recent schedule of surface repair/replacement projects by CIP plan year. In 2014, we plan to clean and fill cracks, remove and replace the fence posts and fencing, apply resurfacer, apply sealer, and re-line the Stafford Street Hockey Court.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	ONGOING	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2018	Labor					
Est. Useful Life (in years)	20	Materials					
Est. Total Cost	1,458,000	Other Contracts	3063006.9620		1,458,000		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost				1,458,000	
Balance to be funded ¹	1,458,000	¹ For ongoing projects, we try to estimate total spend since inception through current year, but for this recurring program, the historical amount spent is ignored and only the future funding amount is addressed.					
% Complete (if underway)	N/A						
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		30,000	605,000	388,000	335,000	100,000	1,458,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	30,000	605,000	388,000	335,000	100,000	1,458,000

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."

2014

Stafford: Street Hockey Court (Clean and fill cracks, remove and replace fence and fence posts, apply resurfacer, sealer and line)	<u>30,000</u>
	30,000

2015

Phillips: Multi Purpose Court and Parking Lot (Enlarge parking lot due to skate spot)	\$150,000
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)	100,000
Fairfield: Multi Purpose Court Parking Lot and Driveway	170,000
Wilson: Basketball Court and Parking Lot	170,000
Dickey: Street Hockey (Clean and seal cracks, apply resurfacer, sealer and line)	<u>15,000</u>
	605,000

2016

Lumbrook: Multi Purpose Court and Parking Lot/Add Ball Wall	150,000
Lewis: Parking Lot	45,000
Folk: Trail	68,000
White Chapel: Basketball Court	55,000
Handloff: Multi Purpose Court	<u>70,000</u>
	388,000

over

2017

Hill: Parking Lot	100,000
Handloff: Parking Lots	140,000
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)	50,000
Kells: Parking Lot	<u>45,000</u>
	335,000

2018

Dickey Parking Lot	100,000
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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PARKS AND RECREATION	DIVISION:
PROJECT NO:	PROJECT TITLE:	
K1302	HILL PARK BASEBALL FIELD DRAINAGE	
PROJECT LOCATION:	LEROY HILL PARK	
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:

THE OUTFIELD AREA OF THE BASEBALL FIELD DOES NOT DRAIN WELL AND THUS AFFECTS THE AVAILABILITY OF THE FACILITY FOR USE AFTER RAIN EVENTS. THIS PROJECT WILL ENTAIL THE INSTALLATION OF A SUB-SURFACE DRAINAGE SYSTEM IN THE OUTFIELD AREA. A DTF GRANT HAS BEEN AWARDED (\$78,500) AND THE NEWARK AMERICAN LITTLE HAS CONTRIBUTED \$20,000 (INCLUDED IN CAPITAL RESERVES) TOWARD THE PROJECT. THE PROJECT HAS BEEN DELAYED UNTIL THE LATE SUMMER/EARLY FALL OF 2014 DUE TO A DELAY IN THE CONTRACT AWARD PROCESS, WHICH PUSHED US PAST THE OPTIMAL GROWING SEASON FOR GRASS GERMINATION. THE DELAY WILL ENSURE THE FIELD CAN BE USED DURING THE SPRING AND SUMMER OF 2014.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program		CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date		Labor		
Est. Useful Life (in years)	30 years	Materials		164,850
Est. Total Cost	164,850	Other Contracts		
% Complete (if underway)		Total Project Cost		-

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	86,350						86,350
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify) DTF		78,500					78,500
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	86,350	78,500	-	-	-	-	164,850

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:		PARKS AND RECREATION		DIVISION:			
PROJECT NO:		PROJECT TITLE:					
K1303		FACILITIES ACCESSIBILITY (ADA COMPLIANCE)					
PROJECT LOCATION:				VARIOUS			
PROJECT STATUS (CHECK ONE):				☒ NEW		☐ IN PRIOR PROGRAM	
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 IS 2014.

NOTE: 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	2024	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	225,000	Other Contracts	3063006.9620	225,000
Est. Spend @ 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)	NA			

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		45,000	45,000	45,000	45,000	45,000	225,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	45,000	45,000	45,000	45,000	45,000	225,000

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:	PROJECT TITLE:	
K1304	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: 2 - Medium 2015+		
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 2000 CHEVY 3500 CREW CAB.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program		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		30,000
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	2014	2015	2016	2017	2018	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:	PROJECT TITLE:	
K1305	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: 1 - High JUSTIFY ► Must commit funding to secure grant award		

DESCRIPTION & JUSTIFICATION:

SURFACE PREPARATION AND ASPHALT OVERLAY 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	2014	Labor		
Est. Useful Life (in years)	25 YEARS	Materials		
Est. Total Cost	65,000	Other Contracts	3063006.9620	65,000
% Complete (if underway)	0	Total Project Cost		65,000

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	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

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 2015+ Other Critical Need – must describe urgency & justify immediate need		

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.

PROJECT SCOPE: 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.

NOTE: 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 DeIDOT TO DESIGN AND INSTALL THIS BRIDGE. DeIDOT AND DNREC ARE EVALUATING A WILMINGTON TO NEWARK TRAIL. I HAVE REQUESTED THAT THIS BRIDGE BE INCLUDED IN DeIDOT'S PROJECT PLAN.

NOTE: 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 YEARS	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	2014	2015	2016	2017	2018	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

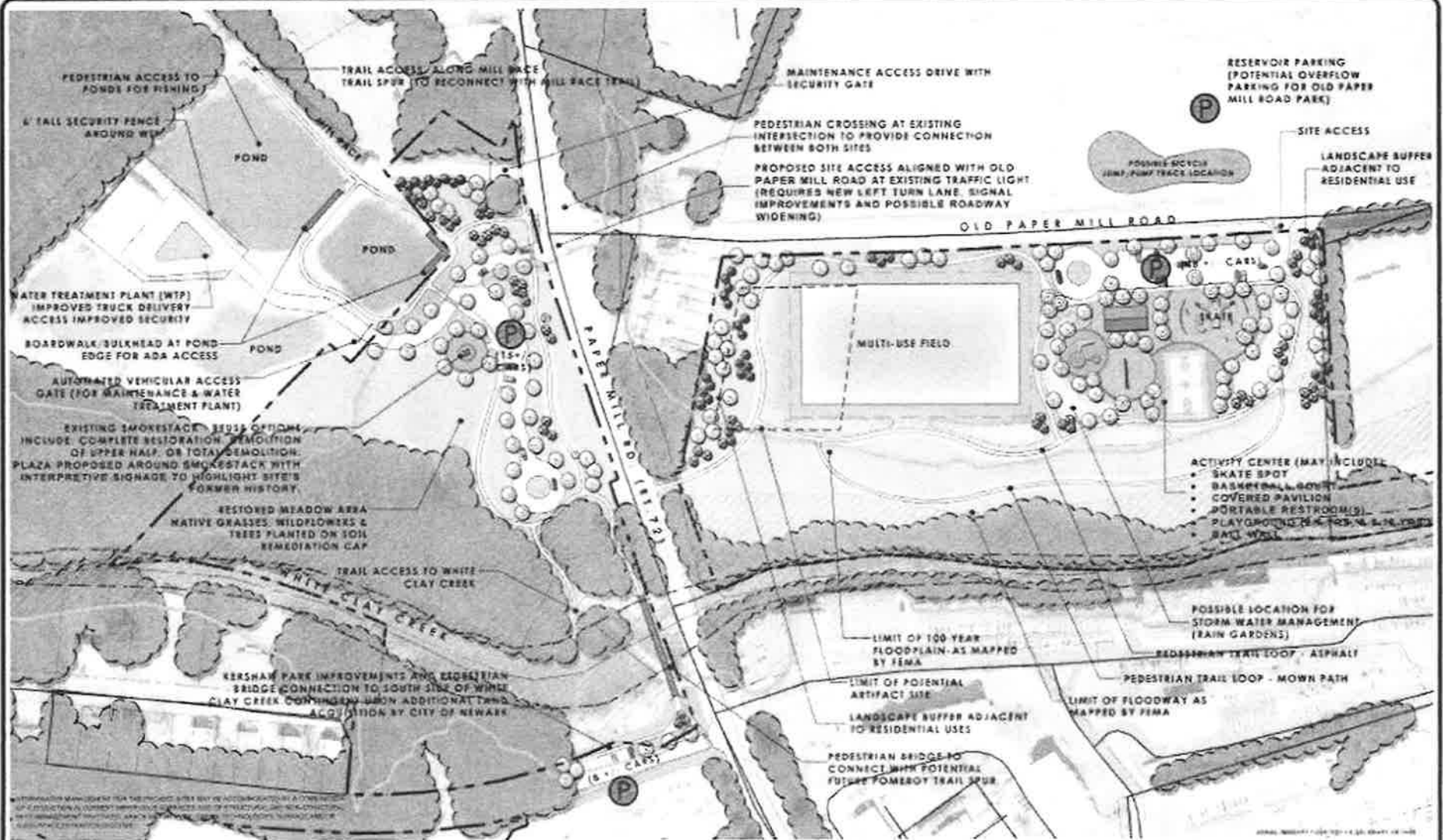
CAPITAL BUDGET - PROJECT DETAIL

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 2015+ Other Critical Need – must describe urgency & justify immediate need		
DESCRIPTION & JUSTIFICATION: A MASTER PLAN FOR THIS SITE WAS COMPLETED IN 2011. PROJECT SCOPE: DESIGN ENGINEERING, CONSTRUCTION CONTRACT PREPARATION 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 NOTE: 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	2014	2015	2016	2017	2018	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."



1 CONCEPT MASTER PLAN

Scale: 1" = 100' (Not to Scale)

JUNE 2011

CURTIS PAPER MILL SITE & OLD PAPER MILL ROAD PARK MASTER PLAN CITY OF NEWARK, NEW CASTLE COUNTY, DELAWARE



Pennoni

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PARKS AND RECREATION	DIVISION:
PROJECT NO:	PROJECT TITLE:	
K1204	CURTIS MILL DEVELOPMENT	
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: 1 - High JUSTIFY ► Continue previously authorized project that is currently underway		

DESCRIPTION & JUSTIFICATION:

Park design and engineering has been completed and required permitting has been secured. In the fall of 2013 we will advertise the construction contract and recommend to Council to award the contract. Construction should begin in the fall of 2013 and be completed within 10 months. In addition to CIP funds the project will be funded with DNREC Brownfields and State Bond Bill money and grant awards from the Delaware Land and Water Conservation Trust Fund.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2012	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	50	Materials		
Est. Total Cost	1,602,534	Other Contracts	3063006.9620	1,304,984
Est. Spend @ 12/31 (if underway) ¹	297,550	Total Project Cost		1,304,984
Balance to be funded ¹	1,304,984	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES	612,530						612,530
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS - Bond Bill, DTF '13-'14, Brownfield		692,364					692,364
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	612,530	692,364	-	-	-	-	1,304,894

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:	PROJECT TITLE:	
K1102	TENNIS/BASKETBALL COURT LIGHT FIXTURE REPLACEMENT	
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:		

OUR COURT LIGHTS ARE 1000 WATT MERCURY FIXTURES - 116 TOTAL. THE FEDERAL GOVERNMENT BANNED THE PRODUCTION OF THESE FIXTURES SEVERAL YEARS AGO. THE MERCURY FIXTURES HAVE BEEN USED TO LIGHT OUR COURTS FOR MORE THAN 30 YEARS. THE MERCURY LIGHTS WILL BE REPLACED WITH 400 WATT HIGH PRESSURE SODIUM FIXTURES TO BE INSTALLED BY THE CITY'S ELECTRIC DEPARTMENT.

NOTE: WILL ATTEMPT TO SECURE GRANT FUNDING

We are also investigating the cost of using LED lights, and whether LED lights are appropriate for tennis / basketball locations. The cost will be higher, but there will be a true cash payback as a result of avoided cost of power. If LED lights turn out to be a viable option, in addition to seeking grant funding, we may be able to lump the upgrade in with a DEMEC system-wide LED lighting improvement being funded by the State's SEU (low interest loan that will be paid back over time through DEMEC bills). If the latter works, the project will be removed from the CIP budget and be absorbed into the operating budget. -LCV

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2011	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT			
Est. Completion Date	2014	Labor	3063006.962	14,000			
Est. Useful Life (in years)	25	Materials	3063006.962	28,000			
Est. Total Cost	42,000	Other Contracts					
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost			42,000		
Balance to be funded ¹	42,000	¹ For ongoing projects, we try to estimate total spend since inception through current year, but for this recurring program, 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		42,000					42,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
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

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 2015+ 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. IT WILL BE NECESSARY TO HIRE A THIRD PARTY INSPECTOR FOR THE PROJECT.		
NOTE: 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	2015	Labor					
Est. Useful Life (in years)	20 YEARS	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	2014	2015	2016	2017	2018	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 2015+ Must undertake project to meet or remediate service level		

DESCRIPTION & JUSTIFICATION:

WE HAVE VERY FEW PLAY UNITS IN OUR PARKS SPECIFICALLY DESIGNED FOR CHILDREN AGES 2-5 YEARS. WE HAVE RECEIVED REQUESTS TO ADD MORE UNITS DESIGNED FOR THIS AGE GROUP.

NOTE: 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	2015	Labor		
Est. Useful Life (in years)	12 YEARS	Materials	3063006.962	60,000
Est. Total Cost	60,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		60,000
Balance to be funded ¹	60,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			60,000				60,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	60,000	-	-	-	60,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PARKS AND RECREATION	DIVISION:
PROJECT NO:	PROJECT TITLE:	
KEQSF	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.		
NOTE: 2014 VEHICLE NO. 1424 - REQUEST AN ADDITIONAL \$5,000. WE PLAN TO CONVERT TO A ZERO TURN MOWER AND PURCHASE A LEAF COLLECTION SYSTEM WITH THE UNIT. BOTH WILL PROVIDE EFFICIENCIES IN OUR LAWN CARE OPERATIONS.		

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	444,000	Other Contracts	3063026.9623	444,000			
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost			444,000		
Balance to be funded ¹	444,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		5,000					5,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		15,000	274,000	150,000			439,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	20,000	274,000	150,000	-	-	444,000

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**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2014-2018
PARKS AND RECREATION DEPARTMENT**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
	STAFF CARS & TRUCKS											
1427	2012 Toyota Camry Hybrid	03/19/12	24,718	3,473	70,000	10	2022					
1431	2006 Ford F-250 Pickup Truck	09/02/06	22,232	35,219	50,000	10	2016					
1437	1999 Dodge Caravan	05/28/99	15,551	61,349	70,000	16	2015		24,000	30,000		
	HORTICULTURE											
1401	2009 Ford Ranger	04/03/09	13,482	29,854	85,000	10	2019					
1426	2012 Ford F350 Crew Cab	07/13/12	30,639	5,200	110,000	12	2024					
1435	2006 Ford F250 3/4 Ton Pickup	05/05/06	18,467	44,044	55,000	10	2016			30,000		
1440	2003 Chevrolet 1500 Pickup	05/23/03	17,238	79,493	85,000	12	2015		30,000			
	PARK MAINTENANCE											
1430	2009 F350 1 Ton Pick-up	05/01/09	24,950	16,093	48,000	12	2021					
1433	2001 Ford F-550 Dump Truck	11/17/00	52,553	56,845	70,000	15	2015		75,000			
1434	2003 Chevrolet 2500 Pickup	06/13/03	20,032	61,643	85,000	12	2015		30,000			
1436	2002 Dodge Ram 2500 Pickup	05/03/02	24,053	81,247	85,000	12	2014					
1439	2000 Chevy 3500 Crew Cab	08/25/00	29,176	112,716	--	N/A	N/A					
	BUILDINGS & GROUNDS											
1417	2004 Ford E250 Van	07/08/04	14,196	48,624	64,000	11	2015		25,000			
	OTHER											
1414	2004 Jacobsen 16" Cut Mower	01/01/04	58,795	--	--	11	2015		90,000			
1415	2013 Jacobsen 16" Cut Mower	05/24/13	79,575	--	--	11	2024					
1421	2009 Kubota F3080 4WD Mower	06/05/09	17,971	--	--	11	2020					
1423	2011 Kubota F3080 Mower	12/29/11	27,331	--	--	11	2022					
1424	2004 Hustler 25/54 Mower	01/01/04	7,811	--	--	10	2014	20,000				
1461	2001 John Deere Landscape Loader	02/09/01	62,000	--	--	15	2016			90,000		
1463	2012 Vanguard 31HP Tractor	06/29/12	55,661	--	--	10	2022					
TOTAL PARKS AND RECREATION DEPARTMENT								\$20,000	\$274,000	\$150,000	\$0	\$0

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

PARKING FUND

Presented to City Council November 11, 2013

**CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
PARKING FUND**

				FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM					
				RECOMMENDED FUNDING					
				2014	2015	2016	2017	2018	TOTAL
V1401	Smart Parking Meters	\$0	\$0	\$341,250	\$0	\$0	\$0	\$0	\$341,250
V1402	Fee Collection Equipment Upgrade	0	0	0	150,000	0	0	0	150,000
V1403	Site Preparation for Lot #1 Parking Garage	0	0	145,000	0	0	0	0	145,000
V1404	Municipal Lot #1	0	0	0	8,000,000	4,000,000	0	0	12,000,000
V1405	Automatic Vehicle Identification	0	0	40,000	0	0	0	0	40,000
V1201	Second Parking Level - Lot #3	0	0	0	0	0	3,349,450	0	3,349,450
V1001	Parking Lot Surface Maintenance	0	0	100,000	0	30,000	0	0	130,000
V0801	Pay on Foot Revenue Control-Lot#3	0	0	0	0	400,320	0	0	400,320
VEQSF	Vehicle Replacement Program	0	0	23,000	21,000	21,000	0	0	65,000
Total Parking Fund		\$0	\$0	\$649,250	\$8,171,000	\$4,451,320	\$3,349,450	\$0	\$16,621,020
GROSS CAPITAL IMPROVEMENTS		\$0	\$0	\$649,250	\$8,171,000	\$4,451,320	\$3,349,450	\$0	\$16,621,020
LESS: USE OF RESERVES		0	0	0	0	0	0	0	0
VEHICLE & EQUIPMENT REPLACEMENT		0	0	(23,000)	(21,000)	(21,000)	0	0	(65,000)
GRANTS		0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	(8,000,000)	(4,000,000)	(3,349,450)	0	(15,349,450)
NET CAPITAL IMPROVEMENTS		\$0	\$0	\$626,250	\$150,000	\$430,320	\$0	\$0	\$1,206,570

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO:	PROJECT TITLE:		
V1401	Smart Parking Meters		
PROJECT LOCATION:		On Street	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY: 1 - High JUSTIFY ► Savings or Efficiency – has payback in cash or ACTIONABLE efficiency			

DESCRIPTION & JUSTIFICATION:

The City has long received requests for alternative methods of paying parking meters for customer convenience, but was not able to accommodate the request. The University of Delaware's successful smart parking meter pilot program, which has resulted in significantly increased parking meter revenues with minimal fees, the City should move forward with installing parking meters which can accept credit cards, variable coinage and smart phone payments. The significantly improved reporting and variable rate structure capabilities will help us improve efficiencies and increase revenues, while providing customers an easy to use meter and convenient payment system. The meters also have solar generated back up power to save the life of the batteries operating them. We recommend retrofitting the full City meter inventory (455 meters) with smart meter heads and pole mounted sensors to detect vehicle movement and reset the meter to zero when the space is vacated. The cost estimate (which will need to be refined) is \$550 for the meter and \$200 for the pole sensor, for a total estimated cost per meter of \$750. If a total retrofit is not possible financially, the Division recommends replacing the meters on Main Street and in Municipal Lot #6 first; and retrofitting the remainder in 2015. Labor is not included as with minimal training Parking Division staff can switch out the heads. More research will need to be done to determine if installation of the sensors will need to be contracted out. There will also be signage changes which have not been included.

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	54954069622	341,250			
Est. Total Cost	341,250	Other Contracts					
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost			341,250		
Balance to be funded ¹	341,250	¹ For ongoing projects, we must estimate total spend 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		341,250					341,250
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	341,250	-	-	-	-	341,250

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO:	PROJECT TITLE:		
V1402	Fee Collection Equipment Upgrade		
PROJECT LOCATION:		Lots #3 and #4	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)	
PRIORITY:		2 - Medium 2015+	

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 they no longer make the equipment and parts are hard to come by. Best (vendor) has recommended replacement for several years, but we have not moved forward because of 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 realibility and allow automated validation discount to reduce cashier error and improve merchant validation billing, and provide better statistics for lot usage, etc. 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 Lots 3 and 4 at the same time. Therefore, we are recommending both for 2015 at \$75,000 each. However, we recognize that the disposition of inventory expansion projects may alter this request. We recommend replacing gates, gate housings, ticket spitters and cash registers at the same time we do the repaving project (V1001).

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	Materials	54954069622	140,000			
Est. Total Cost	150,000	Other Contracts					
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 spend 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			150,000				150,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	150,000	-	-	-	150,000

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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 with the Newark Development Trust and lot #1 property owners on facilitating a 450+ space parking garage on the current surface lot. In order to accommodate the future garage, site work will need to be performed. Specifically, the 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 50 spaces. The \$175,000 payment was made to UD for the structures in 2013. Cost estimate assumes demolition costs of \$60,000 and lot construction costs totaling \$85,000.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	20.0	Materials		
Est. Total Cost	145,000	Other Contracts		145,000.00
% Complete (if underway)		Total Project Cost		145,000.00

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		145,000					145,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	145,000	-	-	-	-	145,000

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):			
PRIORITY: 2 - Medium 2015+ 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 with the Newark Development Trust and lot #1 property owners to facilitate the construction of a 450+ space parking garage on Municipal lot #1. Surface preparation to accomodate the garage is requested via CIP project # V1403. This project serves to fund the actual construction the garage, which will contain a 2,000 +/- square foot parking office and potential retail space on Delaware Avenue. Cost estimate is based on an estimate of \$25,000 per space (450 x \$25,000 =11,250,000) plus \$750,000 for equiment and fit-outs. Funds other than the City's capital budget will be sought to construct the garage.

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)	25 years	Materials		
Est. Total Cost	12,000,000	Other Contracts		12,000,000
% Complete (if underway)		Total Project Cost		12,000,000

PROJECT FINANCING BY PLAN YEAR

SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (3 ^d Pty &/or Lease)			8,000,000	4,000,000			12,000,000
OTHER (Specify)							-
TOTAL	-	-	8,000,000	4,000,000	-	-	12,000,000

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Planning & Development	DIVISION:	Parking
PROJECT NO:	PROJECT TITLE:		
V1405	Automatic Vehicle Identification		
PROJECT LOCATION:	Lot #3		
PROJECT STATUS (CHECK ONE):	☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):	Equipment (new or replacement)		
PRIORITY:	1 - High JUSTIFY ► Savings or Efficiency – has payback in cash or ACTIONABLE efficiency		
DESCRIPTION & JUSTIFICATION: In an effort to maximize the inventory of parking spaces available to the public and to mitigate foregone revenue in Municipal Lot #3, the Newark Parking Division is requesting funds for a new automatic vehicle identification system. The system will result in the following benefits: ► Allow monthly and other non-payment vehicles entry to the lot without being forced to pull an entry ticket ► Increase revenue (mitigate foregone revenue) by introducing an "anti-pass-back" function that will eliminate misuse of the monthly and non-payment vehicle system ► Decrease the length of the lines by increasing the speed with which the monthly and non-payment vehicles entering and exiting the lot, leading to improved customer service See attached memo for more details.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	10	Materials		
Est. Total Cost	40,000	Other Contracts		40,000
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 spend 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		40,000					40,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	40,000	-	-	-	-	40,000

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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:		JUSTIFY ►	
1 - High		Critical Infrastructure – maintain ops & avoid failure	

DESCRIPTION & JUSTIFICATION:

This project was originally submitted to increase the downtown parking supply through the installation of a "More Park" parking system in Lot #3. The project did not move forward in 2013, except to build the Center Street entrance and required parking appurtenances, which are now under construction. Because we are working on a Lot #1 parking garage with the Newark Development Trust, 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. The figures have not been adjusted for inflation. The need to increase the downtown parking inventory is critical.

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)	25	Materials		
Est. Total Cost	3,349,450	Other Contracts	5495406.962	3,349,450
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		3,349,450
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	2014	2015	2016	2017	2018	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 Lot #4	
PROJECT STATUS (CHECK ONE):		☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Maintenance	
PRIORITY:	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 originally scheduled for repaving in 2013 but when preparing the 2013 budget we had hopes that a second level of parking in Lot #3 would be under construction or that we would be moving forward with Lot #1 garage, and because we were concerned with scheduling the repaving of Lot # 4 when Lot # 3 or Lot # 1 were under construction and out of service, we pushed the Lot # 4 maintenance to 2014. The time (2014) is right to repave Lot # 4 because, regardless of inventory expansion efforts, the current construction work in Lot # 4 for Kate's Place will require that section be repaved by the contractor in 2014, and if we move forward with repaving the remainder of Lot # 4 in 2014 through this capital project, the entire lot will be repaved in 2014 and therefore, continue on the 10 year cycle to be repaved again in 2024. Also we believe that an engineering study of the most efficient use of the parking spaces in Lot # 4 will result in 8 - 10 additional spaces for the inventory of the lot. Therefore, we recommend an engineering component have adjusted the original estimate, with the help of PWWR for inflation, and added an engineering component for lot layout. The remaining lots will be submitted as follows: 2015 - Lot #3 (as part of V1201) and 2016 - Lot #2. The process will begin again with 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	2016	Labor		
Est. Useful Life (in years)	10	Materials		
Est. Total Cost	130,000	Other Contracts	5495406.962	130,000
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		130,000
Balance to be funded ¹	130,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.		
% Complete (if underway)				

PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017		TOTAL
CURRENT RESOURCES		100,000		30,000			130,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	100,000	-	30,000	-	-	130,000

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:		
V0801	Pay on Foot Revenue Control		
PROJECT LOCATION:	Municipal Lot #3 or #1		
PROJECT STATUS (CHECK ONE):	☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):	Equipment (new or replacement)		
PRIORITY:	2 - Medium	2015+	Critical component of existing equipment or vehicle replacement program

DESCRIPTION & JUSTIFICATION:

Based on the increase in revenue resulting for automation of Lot #1, the next facility planned for pay on foot revenue control is Lot # 3. Implementation may decrease labor costs (but is not expected to result in the elimination of part-time cashiers, however, because automated parking lots do not translate to *unattended* parking lots due to the possibility of equipment malfunction and customer error), should increase revenues, will improve security and financial controls, and will allow for more than one exit from the lots. The project was originally submitted in 2009, and later deferred to 2015, 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 inventory. 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, so that the project can apply to whatever site is NOT selected for a parking structure, because the site that is selected will feature new pay on foot equipment included as part of the construction. The estimates have been adjusted for inflation, and since it was originally anticipated as a new fee collection method for Lot # 3, included a requested amount for associated lot improvements - curbs, access lanes, signage, conduit, security cameras, etc. (\$125,870). The estimate for equipment replace alone (Lot # 1) is \$274,450.

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	Materials	54954069622	274,450
Est. Total Cost	400,320	Other Contracts	54954069621	125,870
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost		400,320
Balance to be funded ¹	400,320	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES				400,320			400,320
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	-	400,320	-	-	400,320

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:		
VEQSF	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 for estimated for replacement in 2014: 1100 (2003 Chevy Pick Up); 1101 (2001 Dodge Van) and 1102 (2000 Crown Victoria). Our recommendation is to replace 1101 only in 2014 with a STEP Van; and push 1102 for replacement in 2015; and 1100 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	65,000	Other Contracts	5495406.9623	65,000			
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost			65,000		
Balance to be funded ¹	65,000	¹ For ongoing projects, we try to estimate total spent since inception through current year, but for vehicles & equipment, the historical spend is ignored and only the future funding amount is addressed.					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		23,000	21,000	21,000			65,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	23,000	21,000	21,000	-	-	65,000

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**CITY OF NEWARK, DELAWARE
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2014-2018
PLANNING DEPARTMENT, PARKING DIVISION**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE AS OF 04/30/2013	EST MILEAGE AT REPL	NORMAL YEARS LIFE	EST YR TO BE REPL	REPLACEMENT COSTS				
								2014	2015	2016	2017	2018
1100	2003 1500 Chev Pickup	05/23/03	14,807	26,098	55,000	13	2016			21,000		
1101	2001 Dodge 2500 Van	05/18/01	17,114	54,363	80,000	13	2014	23,000				
1102	2000 Ford Crown Victoria	08/11/00	19,851	40,119	65,000	15	2015		21,000			
TOTAL PARKING DIVISION								\$23,000	\$21,000	\$21,000	\$0	\$0

CITY OF NEWARK, DELAWARE

2014-2018 CAPITAL IMPROVEMENT PROGRAM

OTHER DEPARTMENTS

ADMINISTRATION-PLANNING & DEVELOPMENT-FINANCE-CITY SECRETARY'S

Presented to City Council November 11, 2013

CITY OF NEWARK, DELAWARE
CAPITAL IMPROVEMENTS PROGRAM 2014-2018
OTHER DEPARTMENTS-GENERAL FUND

		PRIOR YEARS	2013 BUDGET	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					
				2014	2015	2016	2017	2018	TOTAL
A1401	Retrofit of Door Locks	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
A1402	Vandalism and Graffiti Deterrent System	0	0	0	20,000	0	0	0	20,000
A1403	Fire Suppression System Upgrade	0	0	26,400	0	0	0	0	26,400
A1404	Building Security Equipment	0	0	110,900	0	0	0	0	110,900
A1405	Server Room Upgrade	0	0	75,900	0	0	0	0	75,900
A1301	Building Security Improvements	0	20,255	0	0	0	0	0	0
A1201	Vehicle Tracking System	0	30,000	0	0	0	0	0	0
AEQSF	Vehicle Replacement Program	0	0	0	0	0	20,000	0	20,000
I1401	Virtualization Environment	0	0	102,300	0	0	0	0	102,300
I1402	MUNIS-Tyler Technologies Upgrade	0	0	0	80,900	0	0	0	80,900
I1403	Workstation Upgrades	0	0	93,000	0	0	0	0	93,000
I1404	ArcGIS Server	0	0	61,520	0	0	0	0	61,520
I1405	Enterprise Voice Phone System	0	0	100,000	0	0	20,000	0	120,000
I1406	Terminal Server Solution	0	0	17,500	0	0	0	0	17,500
BEQSF	Vehicle Replacement Program	0	16,000	0	50,000	0	95,000	0	145,000
F1401	iNova Harris System Integration	0	145,000	145,000	0	0	0	0	145,000
F1301	Harris Northstar Upgrade to Version 6.4	0	65,000	0	0	0	0	0	0
F1302	GASB34 Report Writer/Project Grant Accounting	0	20,000	0	0	0	0	0	0
F1304	Cityview Portal and Mobile Field Application	0	35,200	0	0	0	0	0	0
L1301	Council Chambers Chair Lift/Audio Enhancements	0	30,000	0	0	0	0	0	0
L0902	Document Management System	25,000	0	0	0	0	0	0	0
Total Other Departments		\$25,000	\$361,455	\$932,520	\$150,900	\$0	\$135,000	\$0	\$1,218,420
GROSS CAPITAL IMPROVEMENTS		\$25,000	\$361,455	\$932,520	\$150,900	\$0	\$135,000	\$0	\$1,218,420
LESS: USE OF RESERVES		0	0	0	0	0	0	0	0
VEHICLE & EQUIPMENT REPLACEMENT		0	(16,000)	(142,628)	(50,000)	0	(115,000)	0	(307,628)
GRANTS		0	0	0	0	0	0	0	0
BOND ISSUES		0	0	0	0	0	0	0	0
OTHER FINANCING SOURCES		0	0	0	0	0	0	0	0
NET CAPITAL IMPROVEMENTS		\$25,000	\$345,455	\$789,892	\$100,900	\$0	\$20,000	\$0	\$910,792

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:
PROJECT NO: A1401	PROJECT TITLE: Retrofit of Door Locks to Utilize Cards for Access	
PROJECT LOCATION:	Municipal Building	
PROJECT STATUS (CHECK ONE):	☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):	Safety Initiative	
PRIORITY:	1 - High Health, Safety, or Environmental Remediation	

DESCRIPTION & JUSTIFICATION:

Our key lock system is outdated and building security issues have been identified. A budget estimate has been obtained to accommodate card access, which can be controlled and can record and monitor access. The 2014 funding will cover the the doors in the basemetn and the first and second floors of the Municipal Building. The \$200,000 budget estimate should accommodate the options of either a hardwired or wireless system.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	10	Materials		200,000
Est. Total Cost	221,500	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	21,500	Total Project Cost		200,000
Balance to be funded ¹	200,000	¹ For ongoing projects, we must estimate total spend 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	2014	2015	2016	2017	2018	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:	Administration (Police)	DIVISION:
PROJECT NO: A1402	PROJECT TITLE: Vandalism and Graffiti Deterrent System	
PROJECT LOCATION:		Various Locations
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS		
PROJECT TYPE (SELECT FROM DROPDOWN):		Equipment (new or replacement)
PRIORITY: 2 - Medium Health, Safety, or Environmental Remediation		

DESCRIPTION & JUSTIFICATION:

Three locations have been identified in the City where FlashCams can be installed to aid in the prevention and apprehension of crimes such as graffiti and vandalism. The FlashCam senses motion up to 100 feet away and when motion is detected the system starts taking high resolution photographs and a loud voice message warns the intruder that their photograph is being taken and to "leave the area now." It can also capture a license plate number more than 250 feet away in total darkness.

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	Materials		20,000
Est. Total Cost	20,000	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		20,000
Balance to be funded ¹	20,000	¹ For ongoing projects, we must estimate total spend 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			20,000				20,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	20,000	-	-	-	20,000

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CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration (Police)	DIVISION:
PROJECT NO:	PROJECT TITLE:	
A1403	Fire Suppression System Upgrade	
PROJECT LOCATION:	Police Department	
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: Upgrade to the Fire Suppression System in Server Rooms #1 (\$12,100) and #2 (\$14,300) in the Police Department to a Special Hazard Clean Agent FM-200 Fire Suppression System.		

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2014	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	30	Materials			26,400		
Est. Total Cost	26,400	Other Contracts					
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost				26,400	
Balance to be funded ¹	26,400	¹ For ongoing projects, we must estimate total spend 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		26,400					26,400
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	26,400	-	-	-	-	26,400

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CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Administration		DIVISION:	
PROJECT NO: A1404	PROJECT TITLE: Building Security Equipment		
PROJECT LOCATION:		Municipal Building	
PROJECT STATUS (CHECK ONE):		☒ NEW	☐ IN PRIOR PROGRAM ☐ IN PROGRESS
PROJECT TYPE (SELECT FROM DROPDOWN):		Safety Initiative	
PRIORITY: 1 - High		Health, Safety, or Environmental Remediation	
DESCRIPTION & JUSTIFICATION: The U.S. Marshals Office has evaluated the Municipal Building and has recommended measures be put in place for building security. The following is a list of security equipment to be funded in 2014. Walk-thru Metal Detector (\$5,500), Security Detection X-Ray Machine (\$23,000), Two (2) New Automated Doors to Replace Break-a-way Doors (\$37,500 each = \$75,000), and to install bullet resistant glass in the hallway leading to Alderman's Court (\$7,400).			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program		CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	20	Materials		110,900
Est. Total Cost	110,900	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost 110,900		
Balance to be funded ¹	110,900	¹ For ongoing projects, we must estimate total spend 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		110,900					110,900
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	110,900	-	-	-	-	110,900

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:
PROJECT NO: A1405	PROJECT TITLE: Server Room Upgrade	
PROJECT LOCATION:		Finance Department
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:

Upgrade to Server Room in Finance Department to Enhance Security of IT Infrastructure. Pricing includes Demolition, Construction, Air Seal and Electric Service Upgrade (\$39,600); Air Handling Units & Exhaust (\$20,900) and Fire Suppression (\$15,400).

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program		CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	30	Materials		75,900
Est. Total Cost	75,900	Other Contracts		
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		75,900
Balance to be funded ¹	75,900	¹ For ongoing projects, we must estimate total spend 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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		75,900					75,900
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	75,900	-	-	-	-	75,900

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:	
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:			
DESCRIPTION & JUSTIFICATION: PLANNED ADVANCE FUNDING ACCUMULATED THROUGH DEPRECIATION TO REPLACE ESSENTIAL EQUIPMENT WHEN NECESSARY. SEE ATTACHED SCHEDULE. THESE ARE FORMERLY FINANCE DEPARTMENT VEHICLES THAT ARE BEING MOVED TO THE ADMINISTRATION DEPARTMENT AS POOL VEHICLES.			

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	2014	2015	2016	2017	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:	Administration	DIVISION:	Information Technology
PROJECT NO:	PROJECT TITLE:		
IT1401	Virtualization Environment		
PROJECT LOCATION:		IT Server Room	
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:

This project is for the purchase and implimentation of two Servers Running the Vsphere Virtual Server Environment, a 7 terabyte storage appliance and site Licenses for Windows 2012 Datacenter Server operating System. This will allow us to consolidate physical servers, decrease downtime due to hardware failures, host servers as needed without purchasing new hardware, as well as moving our older physical servers and their data to this virtual environment and removing the outdated hardware. Virtualizing our environment would reduce the physical space each server uses as well as the electric power consumption of the servers. With virtualization an entire server can be moved to another environment or host by moving the image files. We would be able to back up and archive entire servers to preserve their configuration as needed. This project also centralizes the Administration servers as well as providing standardization of our network infrastructure. The cost breakdown follows:

2 x Dell R720 Windows 2012 Servers (Hyper-V Hosts) \$30,000
 1 x EqualLogic PS6110XV 10GbE iSCSI Array (SAN), 7.2 TB using twenty-four (24) 300* GB 15,000 SAS" \$40,000
 2 x Dell iSCSI Switches for SAN Connectivity \$8,000
 3 x Server 2012 Operating System Datacenter Licenses \$15,000
 Total is \$93,000 + 10% Consumables and Contingencies = \$102,300

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	YES	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT			
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	5.0	Materials		102,300			
Est. Total Cost	102,300	Other Contracts					
% Complete (if underway)		Total Project Cost			102,300		
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		102,300					102,300
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	102,300	-	-	-	-	102,300

CITY OF NEWARK, DELAWARE CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT: Administration		DIVISION: I.T.	
PROJECT NO: IT1402	PROJECT TITLE: MUNIS - Tyler Technologies Application Upgrades		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN): Software			
PRIORITY: 2 - Medium 2015+			

DESCRIPTION & JUSTIFICATION:

This project is for the purchase of several modules to expand the capabilities of Tyler Software which will improve operational efficiencies in the areas of Payroll, Human Resources, Purchasing and Document Management. Please see attached document for a list of the module enhancements and price breakdowns.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	Yes	CLASSIFICATION	ACCOUNT NUMBERS			AMOUNT	
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	5 years	Materials				80,900	
Est. Total Cost	\$80,900	Other Contracts					
% Complete (if underway)		Total Project Cost					80,900
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES			80,900				80,900
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	80,900	-	-	-	80,900

Tyler Technologies Application Upgrades

- Payroll/ HR Applicant Tracking
 - This module will enable HR to efficiently and effectively manage the full job application lifecycle by using requisitions workflows, approval workflows and electronic data management (reduction in paper).
 - Module cost including implementation services, \$5,100. Yearly maintenance cost, \$495.
- General Billing
 - General Billing (GB) software creates invoices for various departments and activities not covered by other revenue applications. This will eliminate handwritten bills and manual calculations and interfaces with MUNIS AR payments and General Ledger.
 - Module cost including implementation services, \$6,525.00. Yearly maintenance cost, \$540.00.
- Employee Self Serve
 - This module will provide employees the ability to self serve key information—conveniently and securely through the Internet. This includes updating personal information, requesting leave, checking compensation.
 - Employees will be able to self-serve information, including:
 - Leave time accruals
 - Complete pay history, benefits, withholdings, W-2s, 1099Rs.
 - Employees will be able to self-serve transactions, including:
 - Enter Hours Worked
 - Submit Leave Requests (vacation, sick, personal, etc.)
 - Supervisors can approve Leave Requests
 - Enroll for Employee Benefits
 - Address Changes
 - Update W4 Information
 - Pension Contribution with Monthly Breakdown
 - Receive announcements and department information
 - Module cost including implementation services, \$7,175.00. Yearly maintenance cost, \$1,080.00.
- e-Procurement
 - Vendor Self Service will provide vendors web-based access to information and business records. This will improve operational efficiencies in the purchasing, bid management, vendor management areas. Vendor self serve information includes:
 - Create a Profile
 - Register for bids by commodity code
 - View Messages and Links on Home Page
 - Access documents, such as Vendor Direct Deposit forms and catalogues
 - Vendor Administration

- 1099
 - Bids—Search, place, and accept bids on line. Track existing Bids and update until open period ends.
 - Purchase Orders—Search by PO or contact numbers, status, date or amount
 - Checks—Search for detail and history
 - Invoices—Search by date, number or status
- Module cost including implementation services, \$6,175.00. Yearly maintenance cost, \$900.00.
- Tyler Contact Management
 - Document management system to electronically store, scan, and retrieve City documentation. This will reduce the need for maintaining paper files and reduce the risk of losing critical documents by backing up and storing data offsite.
 - Features include:
 - Document Type Creation Wizard, OCR, Mail Merge, Security, Audit/ Versioning, Barcode Printing, Annotations, Records Management and Disposition, Auto Indexing and Redaction, Workflow, GIS Integration, Customize Forms.
 - The following is a breakdown of the module components:
 - Tyler Content Manager Enterprise, \$39,750.00. Yearly maintenance, \$5,040.00.
 - Ability to store, scan, retrieve, and index documents outside MUNIS.
 - Tyler Content Manager Web Services Interface, \$8,525.00. Yearly maintenance, \$900.00.
 - View documents using a web browser.
 - Tyler Content Manager Enterprise 3rd Party Connector, \$3,975.00. Yearly maintenance, \$504.00
 - Access documents using 3rd party software.
 - Tyler Content Manager WorkFlow, \$3,675.00. Yearly maintenance, \$450.00.
 - Document routing, approvals.
 - Module total cost including components listed above with implementation services, \$55,925.00. Yearly maintenance cost, \$6894.00.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO:	PROJECT TITLE:		
IT1403	City Workstation Upgrades Standardization and Compliance		
PROJECT LOCATION:		All City Buildings	
PROJECT STATUS (CHECK ONE): ☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY: 1 - High JUSTIFY ► IT – Critical Security Upgrade			
DESCRIPTION & JUSTIFICATION: This project is for the replacement of Outdated Workstations, end of life Operating System Software and workstation standardization. 60 Desktops / 15 Laptops (City and PD) Also includes Microsoft Open Value Government Windows Licensing with Software Assurance This will allow us to upgrade all computers to Windows 7 NOTE: Windows XP Support expires April 2014. This means any and all Windows XP workstations would be considered insecure due to no longer receiving security patches from Microsoft.			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	YES	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	5.0	Materials			93,000		
Est. Total Cost	93,000	Other Contracts					
% Complete (if underway)		Total Project Cost				93,000	
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		93,000					93,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	93,000	-	-	-	-	93,000

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION:	Information Technology
PROJECT NO:	PROJECT TITLE:		
IT1404	ArcGis Server		
PROJECT LOCATION:		Municipal Building - Server Room	
PROJECT STATUS (CHECK ONE):		☒ NEW ☐ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY: 1 - High JUSTIFY ► Must undertake project to support known, certain growth			
DESCRIPTION & JUSTIFICATION: This project is for the implementation the GIS software system ArcGIS Server. This software will run on our Virtual Server environment and allow for a centralized GIS system of all ESRI maps maintained by City employees. This server software will integrate with our current systems, such as CityView, and provide real time mapping updates to the worker's devices in the field. This also creates a centralized Parcel master system of record that can be maintained by Finance, Planning and Code Enforcement. ArcGIS 10.1 Server Enterprise (4 Core) - \$20,000 ArcGIS Client Licenses Estimated Cost - \$25,000 ArcGIS 10.1 Media - \$20 Jumpstart Support Service 3 Days On-Site - \$8,500 Server - \$8,000 Total Cost - \$61,520			

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	Yes	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	5.0	Materials			61,520		
Est. Total Cost	61,520	Other Contracts					
% Complete (if underway)		Total Project Cost				61,520	
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		61,520					61,520
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	61,520	-	-	-	-	61,520

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION: I.T.
PROJECT NO:	PROJECT TITLE:	
I1405	Enterprise Voice Phone System	
PROJECT LOCATION:	Affects all City Employees excluding Police Dispatch	
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:

IM and presence

Instant messaging (IM) and presence help your users find and communicate with one another efficiently and effectively. IM provides an instant messaging platform with conversation history.

Conferencing

Lync Server includes support for IM conferencing, audio conferencing, web conferencing, video conferencing, and application sharing, for both scheduled and impromptu meetings. All these meeting types are supported with a single client. Lync Server also supports dial-in conferencing so that users of public switched telephone network (PSTN) phones can participate in the audio portion of conferences.

Enterprise Voice

Enterprise Voice is the Voice over Internet Protocol (VoIP) offering in Lync Server. It delivers a voice option to enhance or replace traditional private branch exchange (PBX) systems. In addition to the complete telephony capabilities of an IP PBX, Enterprise Voice is integrated with rich presence, IM, collaboration, and meetings. Features such as call answer, hold, resume, transfer, forward and divert are supported directly, while personalized speed dialing keys are replaced by Contacts lists, and automatic intercom is replaced with IM.

Mobile client support

Additionally, with Lync Server mobility services, your users can access Lync functionality when using supported Apple iOS, Android, Windows Phone, or Nokia mobile devices and perform such activities as sending and receiving instant messages, viewing contacts, and viewing presence. In addition, mobile devices support some Enterprise Voice features, such as click to join a conference, Call via Work, single number reach, voice mail, and missed calls. Push notifications are also supported for mobile devices that do not support applications running in the background.

Cost Savings

Currently the City of Newark is paying Verizon approximately \$3,477 per month for phone and internet services. Approximately \$2,700 of this monthly bill can be eliminated with the implementation of a VOIP solution. Cost differential per year is \$32,400 (savings), essentially covering the cost of the new Phone System in 3 years.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	Yes	CLASSIFICATION	ACCOUNT NUMBERS			AMOUNT	
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	Subscript	Materials	3063026.9622			120,000	
Est. Total Cost	\$120,000	Other Contracts					
% Complete (if underway)		Total Project Cost					120,000
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		50,372			20,000		70,372
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT		49,628					49,628
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	100,000	-	-	20,000	-	120,000

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Administration	DIVISION: I.T.
PROJECT NO:	PROJECT TITLE:	
I1406	Terminal Server Solution	
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 ► Savings or Efficiency – has payback in cash or ACTIONABLE efficiency		

DESCRIPTION & JUSTIFICATION:

This project will allow us to virtualize desktops to run on a Terminal Server interface. Essentially removing desktop computers that depreciate and require upgrades and repair and replacing them with Thin Client computers that can be swapped out in a matter of minutes if a failure occurs. This solution allows a common desktop interface for all users to share, however it is a desktop that the IT Department manages and secures. This is also beneficial to those departments where users move from computer to computer.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	Yes	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	5 years	Materials			17,500		
Est. Total Cost	\$17,500	Other Contracts					
% Complete (if underway)		Total Project Cost				17,500	
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		17,500					17,500
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	17,500	-	-	-	-	17,500

PLANNING AND DEVELOPMENT

The Planning and Development Department regulates all land use and development in the City. The Department advises and makes recommendations to the City Manager, Planning Commission and City Council regarding physical development and the implementation of the City's Comprehensive Development Plan. The Department is responsible for recommending zoning and subdivision regulation revisions, reviewing building permit applications for zoning compliance, and administering the federal flood insurance program. The Department administers and reviews plans for annexations, rezonings, subdivisions, special use permits, historic preservation, and parking waivers. The Department also administers the City's Federal Housing and Urban Development Community Development Block Grant Program (CDBG) and the City's Revenue Sharing Program. The Department, in addition, administers the Homebuyer Assistance and Promoting Owner-Occupancy of Homes (POOH) programs that are intended to increase home ownership within the City. The Department's economic development program supplements private sector initiatives to strengthen Newark's commercial and industrial vitality. The Department provides staff to the Downtown Newark Partnership, a public/private organization dedicated to the economic, aesthetic, cultural and social enhancement of downtown Newark. Made up of the City, the University and the business and residential communities, the Partnership also provides advice to City Council on matters concerning the economic improvement and enhancement of downtown.

In 1998, the management of off-street parking facilities in Newark was transferred to the Department. The Department is responsible for overseeing, managing and supervising the services and facilities in the Parking Division. The Department, in 2008, also assumed responsibility for all on-street metering parking.

Finally, in 2010, all Building Department activities and responsibilities were transferred to the Planning and Development Department in the form of a new Code Enforcement Division.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	PLANNING & DEVELOPMENT	DIVISION:	CODE ENFORCEMENT
PROJECT NO:	PROJECT TITLE:		
BEQSF	EQUIPMENT REPLACEMENT PROGRAM		
PROJECT LOCATION:			
PROJECT STATUS (CHECK ONE): ☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS			
PROJECT TYPE (SELECT FROM DROPDOWN):			
PRIORITY:			
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	145,000	Other Contracts	3063026.9623	145,000
Est. Spend @ 12/31 (if underway) ¹	-	Total Project Cost		145,000
Balance to be funded ¹	145,000	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	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES							-
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT			50,000		95,000		145,000
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	-	50,000	-	95,000	-	145,000

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:	FINANCE	DIVISION:	CUSTOMER SERVICE
PROJECT NO:	PROJECT TITLE:		
F 1401	iNOVA HARRIS SYSTEM INTEGRATION		
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 ► Must undertake project to meet or remediate service level			

DESCRIPTION & JUSTIFICATION:

This project involves a software purchase of a product called the "iNova System module," which is sold by Harris, our existing utility billing software. The program will link together all of our software systems into one searchable database and centralize cashing functions. Users can search and pull reports from all systems, which is critical for the implementation of the "good standing" ordinance but also helps with cross training, backups, and segregation of duties. The estimated cost of the project is \$145,000 plus annual maintenance costs of \$14,600 after year one.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY					
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS		AMOUNT		
Est. Completion Date	2014	Labor					
Est. Useful Life (in years)	7	Materials					
Est. Total Cost	145,000	Other Contracts			145,000		
Est. Spent @ 12/31 (if underway) ¹	-	Total Project Cost				145,000	
Balance to be funded ¹	145,000	¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter. (Amounts spent prior to 2013 are omitted here)					
% Complete (if underway)							
PROJECT FINANCING BY PLAN YEAR							
SOURCE OF FUNDS	PRIOR ²	2014	2015	2016	2017	2018	TOTAL
CURRENT RESOURCES		145,000					145,000
CAPITAL RESERVES							-
EQUIPMENT REPLACEMENT							-
BOND ISSUES							-
GRANTS (Specify)							-
OTHER (Specify)							-
OTHER (Specify)							-
TOTAL	-	145,000	-	-	-	-	145,000

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 SECRETARY'S OFFICE

The City Secretary's Office provides clerical, administrative, research and staff support to the Newark City Council, its appointed boards, commissions and committees, and both the City Solicitor and Deputy City Solicitor. The City Secretary's Office serves as a liaison between citizens and City Council. It oversees agenda preparation for Council meetings, schedules meetings, advertises and provides public notification of hearings, and prepares the minutes of City Council and other committee meetings. The City Secretary also serves as the FOIA Coordinator for the City of Newark and works with the various departments to fulfill citizen requests in a timely fashion. The City Secretary serves as the complaint officer charged with resolving cable television issues covered by the City's franchise agreements with providers.

This office is the City's record keeper. Archival records, including the Charter, Code of the City of Newark, contracts, deeds, agreements, ordinances, resolutions, escrows and minutes of City Council and committee meetings, as well as other routine administrative records are managed by this office. This office is also responsible for the official recording of numerous documents with the New Castle County Recorder of Deeds. In addition, this office conducts the final review and approval of applications for peddler/vendor licenses, solicitation registrations and lien certificate letters. Special activities, such as the annual employees' recognition luncheon and various board receptions, are based in this office.

CITY OF NEWARK, DELAWARE

CAPITAL BUDGET - PROJECT DETAIL

DEPARTMENT:	Legislative	DIVISION:	City Secretary's office
PROJECT NO:	PROJECT TITLE:		
L0902	Document Imaging System		
PROJECT LOCATION:		City Secretary's Office	
PROJECT STATUS (CHECK ONE):		☐ NEW ☒ IN PRIOR PROGRAM ☐ IN PROGRESS	
PROJECT TYPE (SELECT FROM DROPDOWN):		Utility or System Infrastructure	
PRIORITY:		JUSTIFY ►	
1 - High		Continue previously authorized project that is currently underway	

DESCRIPTION & JUSTIFICATION:

The City Secretary is requesting that the remaining balance of \$25,000 in funding allocated in the 2013 CIP for a document imaging system be permitted to carry over into the 2014 fiscal year. While our office along with several other City offices have been meeting with vendors, the project overall seems likely to expand outside the scope of our office, causing a slowdown in the timeline for completion. It is probable that the funds will be expended and the initial purchase of the system and installation and training for the City Secretary's office will be complete by the end of the year. However, any balance that is remaining for the end of the year is requested to be transferred to allow for any additional/incomplete work and/or payments to be satisfied.

SUMMARY OF PROJECT DATA		PROJECT COST BY CATEGORY		
First Year in Program	2013	CLASSIFICATION	ACCOUNT NUMBERS	AMOUNT
Est. Completion Date	2014	Labor		
Est. Useful Life (in years)	20	Materials		
Est. Total Cost	25,000	Other Contracts		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 spend 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	2014	2015	2016	2017	2018	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
VEHICLE REPLACEMENT PROGRAM SCHEDULE 2014-2018
OTHER DEPARTMENTS**

VEH NUMB	DESCRIPTION	PURCHASE DATE	PURCHASE PRICE	MILEAGE	EST	NORMAL	EST YR	REPLACEMENT COSTS					
				AS OF 04/30/2013	MILEAGE AT REPL	YEARS LIFE	TO BE REPL	2014	2015	2016	2017	2018	
CODE ENFORCEMENT DIVISION:													
803	2007 Dodge Durango	02/09/07	20,545	21,377	70,000	10	2017					25,000	
804	2005 Dodge Neon Sedan	05/12/05	10,043	43,671	70,000	13	2018						
827	2004 Chevrolet Cavalier	04/22/04	9,962	41,616	60,000	13	2017					20,000	
836	2002 Jeep Liberty	04/26/02	18,541	71,857	75,000	13	2015		25,000				
837	2000 Jeep Cherokee	05/26/00	18,814	66,384	70,000	15	2015		25,000				
838	2001 Chevrolet Cavalier	02/09/01	11,397	69,225	75,000								
839	2001 Jeep Cherokee	02/09/01	18,814	45,084	65,000	16	2017					25,000	
840	2001 Jeep Cherokee	02/09/01	18,814	33,190	65,000	16	2017					25,000	
TOTAL CODE ENFORCEMENT DIVISION									\$0	\$50,000	\$0	\$95,000	\$0
ADMINISTRATIVE DEPARTMENT:													
1216	2009 Ford Focus	04/03/09	12,369	11,842	75,000	11	2020						
1217	2008 Ford Focus	04/11/08	11,281	48,002	75,000	11	2019						
1218	2001 Chevy Cavalier	02/09/01	11,397	71,060	60,000	16	2017					20,000	
1256	2009 Ford Focus	04/03/09	12,369	35,849	75,000	11	2020						
TOTAL ADMINISTRATIVE DEPARTMENT									\$0	\$0	\$0	\$20,000	\$0
TOTAL OTHER DEPARTMENTS									\$0	\$50,000	\$0	\$115,000	\$0