

CITY OF NEWARK, DELAWARE
 CAPITAL IMPROVEMENTS PROGRAM 2018-2020
 DRAFT
 MAY 12, 2017

PROJECT #/PROJECT NAME/JUSTIFICATION CODE/FUND				JUSTIFICATION	2017	Balance as of 3/31/2017*	CAPITAL IMPROVEMENTS PROGRAM REQUESTED FUNDING				OTHER FUNDING (GRANTS, EQUIPMENT REPLACEMENT, OTHER)				TYPE OF OTHER FUNDING (GRANT, EQUIPMENT, BONDS, OTHER)	NET FUNDING	COMMENTS		
							2018	2019	2020	TOTAL	2018	2019	2020	TOTAL OTHER FUNDING					
Project #	Dept	Priority	Dept	Fund	Description	Justification	2017 Budget	Balance as of 3/31/2017	2018	2019	2020	Total CIP Req	2018 Other	2019 Other	2020 Other	Total Other Fund	Type of Other Funding	Net Funding	Comments/Descriptions
E0503		in progress	Electric	Electric	SCADA & Automatic Switching	D - Efficiency/Other	\$816,000	\$1,312,336				\$0				\$0		\$0	
E0903		in progress	Electric	Electric	12KV Changeover	A - Return on Investment (Overall Savings)	\$43,000	\$53,207				\$0				\$0		\$0	
E1105		in progress	Electric	Electric	New Transformers & Circuit Breakers	D - Efficiency/Other	\$653,000	\$687,172				\$0				\$0		\$0	
E1203		in progress	Electric	Electric	CAD software	D - Efficiency/Other		\$115,500				\$0				\$0		\$0	
E1502		1	Electric	Electric	Star Campus underground distribution	D - Efficiency/Other	\$0	n/a	\$120,000	\$120,000	\$120,000	\$360,000	(\$120,000)	(\$120,000)	(\$120,000)	(\$360,000)	Paid by developer	\$0	Underground cable and padmounted switches needed for the Star Campus. Paid by developer.
E1602		3	Electric	Electric	Circuit Breaker Replacement	D - Efficiency/Other		n/a		\$65,000		\$65,000				\$0		\$65,000	The 35kv circuit breaker installed in 1975 feeding unit 47 at Fremont Road substation does not always operate properly and needs to be replaced.
E1701		in progress	Electric	Electric	New Lines & Services	D - Efficiency/Other	\$125,000	\$42,409				\$0				\$0		\$0	
E1702		in progress	Electric	Electric	Reconductor-Main Street	D - Efficiency/Other	\$85,000	\$85,000				\$0				\$0		\$0	
E1801		1	Electric	Electric	New Lines and Services	D - Efficiency/Other	\$0	n/a	\$125,000	\$125,000	\$125,000	\$375,000				\$0		\$375,000	
E1802		1	Electric	Electric	15kv Auto Restoration	D - Efficiency/Other	\$0	n/a	\$300,000	\$413,000	\$0	\$713,000				\$0		\$713,000	Recloser installations to improve reliability at the Delaware Technology Park and customers on Bellevue road in 2018 and the UD Center Campus and North Campus in 2019
E1803		1	Electric	Electric	Substation Transformer Replacement	D - Efficiency/Other	\$0	n/a	\$700,000			\$700,000				\$0		\$700,000	Replacement of transformer 11 at South Chapel Substation. Unit was installed in 1969. Recent electrical testing show it is at end of life, unit is very small and is only 400 kw from being unable to be used as abackup for unit 13 and is a sister unit of unit 41 which has failed 3 times.
E1804		2	Electric	Electric	Spacer Cable Replacement	D - Efficiency/Other	\$0	n/a	\$81,000			\$81,000				\$0		\$81,000	The spacer cable behind the Rodney and Dickinson Dorms is cracked in many places and has burned down several times. it needs to be replaced to improve reliability.
E1805		4	Electric	Electric	Line Extension UD Farm	D - Efficiency/Other	\$0	n/a		\$170,000		\$170,000				\$0		\$170,000	A new circuit across the UD farm will bring an additional 7 megawatts of capacity to the Star Campus.
E1806		4	Electric	Electric	Christianstead Underground Primary Cable Addition	D - Efficiency/Other	\$0	n/a		\$50,000		\$50,000				\$0		\$50,000	An additional underground high voltage cable is needed in Christianstead to balance load during emergency conditions when an existing high voltage cable fails.
E1807		5	Electric	Electric	Relay replacement and SCADA additions Kershaw Substation	D - Efficiency/Other	\$0	n/a		\$40,000		\$40,000				\$0		\$40,000	Replace 4 electromechanical relays at Kershaw Substation with digital relays and connect them to the SCADA system.
E1808		5	Electric	Electric	Aerial Line voltage upgrade North College Ave	D - Efficiency/Other	\$0	n/a			\$50,000	\$50,000				\$0		\$50,000	12kv upgrade for UD buildings on North College Avenue.
E1809		5	Electric	Electric	Line Extension Christina Parkway and Park Drive	D - Efficiency/Other		n/a			\$100,000	\$100,000				\$0		\$100,000	This extension will tie together substation units Chestnut Hill Road 94 and Sandy Brae 64 and provide an additional 5MW of capacity to the Star Campus.
EEQSF		1	Electric	Electric	Vehicle Replacement Program	D - Efficiency/Other	\$43,500	\$5,808	\$155,000	\$585,500	\$302,000	\$1,042,500	(\$155,000)	(\$585,500)	(\$302,000)	(\$1,042,500)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.
N1501		in progress	Fac Mgmt	Maintenance Fund	Fire Alarm Panel Replacements (B1501)	B - Public Safety	\$0	\$12,199	\$0			\$0				\$0		\$0	
N1601		in progress	Fac Mgmt	Maintenance Fund	Municipal Building Improvements (B1601)	D - Efficiency/Other	\$70,000	\$76,473	\$0			\$0				\$0		\$0	
N1603		2	Fac Mgmt	Maintenance Fund	GWCC - HVAC System Upgrades	D - Efficiency/Other	\$0	n/a	\$105,000			\$105,000				\$0		\$105,000	HVAC needs to be over-hauled as it continues to break and runs inefficiently
N1604		1	Fac Mgmt	Maintenance Fund	FOC - Garage Renovations (Flooring and Oil Heater)	D - Efficiency/Other	\$0	n/a		\$43,000		\$43,000				\$0		\$43,000	Flooring needs to be replaced (currently no floor) and Heater needs to be replaced (not working properly)
N1701		in progress	Fac Mgmt	Maintenance Fund	Men's Locker Room Expansion	B - Public Safety	\$20,000	\$20,000	\$0			\$0				\$0		\$0	
N1702		3	Fac Mgmt	Maintenance Fund	MUN - Council Chamber Renovations	C - Community Health	\$0	n/a		\$125,000		\$125,000				\$0		\$125,000	Optional based on desire from Council. New ceiling, paint, carpentry, ramp, exit door
N1801		2	Fac Mgmt	Maintenance Fund	City Hall Building Renovations - Rear Concrete Deck & Stairs	C - Community Health	\$0	n/a	\$45,000			\$45,000				\$0		\$45,000	Rear concrete deck & stairs
N1802		2	Fac Mgmt	Maintenance Fund	City Hall Building Renovations - HVAC Assessment	C - Community Health		n/a	\$20,000			\$20,000				\$0		\$20,000	HVAC assessment
N1803		2	Fac Mgmt	Maintenance Fund	City Hall Building Renovations - Exterior Paint/Powerwash	C - Community Health		n/a	\$33,000			\$33,000				\$0		\$33,000	Exterior paint and powerwash
N1804		2	Fac Mgmt	Maintenance Fund	City Hall Building Renovations - Lobby Renovations	C - Community Health		n/a	\$30,000			\$30,000				\$0		\$30,000	Lobby Renovations.

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N1805	2		Fac Mgmt	Maintenance Fund	City Hall Building Renovations - Lower level bathroom	C - Community Health		n/a	\$30,000			\$30,000				\$0		\$30,000	Lower level bathroom.
N1807	2		Fac Mgmt	Maintenance Fund	FOC - New Warehouse	C - Community Health	\$0	n/a	\$320,000			\$320,000				\$0		\$320,000	Replacement building \$20K demo, \$300K new building.
N1808	2		Fac Mgmt	Maintenance Fund	FOC - Building #2 Security Improvements	B - Public Safety	\$0	n/a		\$31,000		\$31,000				\$0		\$31,000	Improve door security
N1809	3		Fac Mgmt	Maintenance Fund	TRN - New Windows	C - Community Health	\$0	n/a	\$55,000			\$55,000				\$0		\$55,000	Train Station needs new windows (if Council would like to keep up on the maintenance)
N1810	1		Fac Mgmt	Maintenance Fund	SWF - Security Fence Repair	B - Public Safety	\$0	n/a	\$35,000			\$35,000				\$0		\$35,000	South Well Field fence is broken, needs to be replaced. Public safety for water is of concern.
NEQSF	1		Fac Mgmt	Maintenance Fund	Vehicle Replacement Program	D - Efficiency/Other			\$25,000			\$25,000	(\$25,000)			(\$25,000)	Equipment Sinking Fund	\$0	
I1603	1		Information Technology	General	Surveillance Camera Refresh	B - Public Safety	\$65,000	\$47,010	\$65,000			\$65,000				\$0		\$65,000	
I1604	in progress		Information Technology	General	City-Leased Fiber Network	B - Public Safety	\$100,000	\$63,969	\$0			\$0				\$0		\$0	
I1608	in progress		Information Technology	General	Digital Records Management	D - Efficiency/Other	\$0	\$30,828	\$0			\$0				\$0		\$0	
I1702	in progress		Information Technology	General	Property Management Software	D - Efficiency/Other	\$317,500	\$112,110	\$0			\$0				\$0		\$0	
I1704	1		Information Technology	General	Water Plant and Reservoir Cameras	B - Public Safety	\$80,000	\$80,000	\$0			\$0				\$0		\$0	
NEW	3		Information Technology	General	Citywide Fiber Phase II	B - Public Safety		n/a		\$140,000		\$140,000				\$0		\$140,000	This is optional based on Admin/Council's desires to expand our Fiber network
NEW	4		Information Technology	General	Smart City Real-Time Parking Map	C - Community Health		n/a		\$80,000		\$80,000				\$0		\$80,000	Smart City Initiative to provide ios/android app for open parking spaces in Newark.
NEW	4		Information Technology	General	Wifi in Parks Phase I	C - Community Health		n/a		\$35,000		\$35,000				\$0		\$35,000	Optional based on desire from Council. Would include 3-5 parks
NEW	2		Information Technology	General	Harris Automation Platform	D - Efficiency/Other		n/a			\$150,000	\$150,000				\$0		\$150,000	Efficiency Improvements in PUBs by automating manual tasks
A1601	in progress		Other Dept	General	Building Demolition	D - Efficiency/Other	\$0	\$22,000	\$0			\$0				\$0		\$0	
BEQSF	in progress		Other Dept	General	Vehicle Replacement Program	D - Efficiency/Other	\$50,000	\$32,221	\$97,000	\$25,000		\$122,000	(\$97,000)	(\$25,000)	\$0	(\$122,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.
V1001	in progress		Parking	Parking	Parking Lot Surface Maintenance	D - Efficiency/Other	\$0	\$99,157	\$0			\$0				\$0		\$0	
V1601	in progress		Parking	Parking	Parking Lot Surveillance Cameras	B - Public Safety	\$130,000	\$103,466	\$0			\$0				\$0		\$0	
V1701	in progress		Parking	Parking	LPR's for Parking Ambassador Vehicles	A - Return on Investment (Overall Savings)	\$47,850	\$47,850	\$0			\$0				\$0		\$0	
V1702	in progress		Parking	Parking	Additional Parking Meters	A - Return on Investment (Overall Savings)	\$54,240	\$54,240	\$0			\$0				\$0		\$0	
V1703	in progress		Parking	Parking	Lot Full Signs	D - Efficiency/Other	\$52,500	\$52,500	\$0			\$0				\$0		\$0	
VEQSF	1		Parking	Parking	Vehicle Replacement Program	D - Efficiency/Other	\$25,000	\$2,232	\$21,000	\$0	\$28,000	\$49,000	(\$21,000)	\$0	(\$28,000)	(\$49,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.
K0908	1		Parks	General	Children's Play Equipment	C - Community Health	\$0	\$19,326	\$40,000	\$60,000	\$30,000	\$130,000				\$0		\$130,000	
K1005	in progress		Parks	General	Rittenhouse Footbridge Rehabilitation	B - Public Safety	\$0	\$2,000	\$0			\$0				\$0		\$0	
K1202	3		Parks	General	Kershaw Park Improvements	C - Community Health		n/a		\$200,000		\$200,000				\$0		\$200,000	Money will be used for park improvements including trail connection to the Pomeroy trail and other park improvements.
K1203	1		Parks	General	Old Paper Mill Park Improvements	C - Community Health		n/a	\$50,000	\$0		\$50,000				\$0		\$50,000	New park construction. Outreach funding only
K1301	1		Parks	General	Hard Surface Facility Improvements	B - Public Safety	\$194,000	\$194,000	\$135,000	\$640,000	\$175,000	\$950,000				\$0		\$950,000	
K1303	2		Parks	General	Facilities Accessibility	C - Community Health	\$0	n/a	\$45,000	\$85,000		\$130,000				\$0		\$130,000	
K1305	2		Parks	General	Pomeroy Trail Connection	C - Community Health		n/a	\$186,500			\$186,500				\$0		\$186,500	Surface improvements to the maintenance road/trail leading from Fremont Road (Fairfield Crest) to Creek Road and nearby access to the Pomeroy Trail.
K1501	3		Parks	General	Iron Glen Park Master Plan	C - Community Health		n/a	\$0	\$50,000		\$50,000				\$0		\$50,000	Complete a master plan for the parkland. Site was used as one of the City's leaf and yard waste sites. That operation is being relocated to the former transfer station site.
K1502	3		Parks	General	Fitness Stations	C - Community Health	\$0	\$1,108	\$20,000			\$20,000				\$0		\$20,000	
K1601	1		Parks	General	Bicycle/Pedestrian Bridge-Curtis Mill/Kershaw	B - Public Safety	\$200,000	\$200,000	\$1,550,000			\$1,550,000		(\$800,000)		(\$800,000)	DelDot Funding	\$750,000	
K1602	in progress		Parks	General	Picnic Shelter-Folk Park	C - Community Health	\$0	\$7,436	\$0			\$0				\$0		\$0	
K1605	2		Parks	General	Redd Park Trail Improvements	C - Community Health	\$0	\$32,000	\$32,000	\$30,000		\$62,000				\$0		\$62,000	Trail improvements to create a connection from Redd Park to Paper Mill Road, near the intersection of Paper Mill Road and Possum Park Road.

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K1701	in progress		Parks	General	GWC Kitchen Rehabilitation	C - Community Health	\$70,000	\$70,000				\$0				\$0		\$0			
K1702	1		Parks	General	Fence Repair and Construction	B - Public Safety	\$15,700	\$15,700	\$21,600			\$21,600				\$0		\$21,600			
K1704	2		Parks	General	Picnic Shelter- Lumbrook Park	C - Community Health		n/a	\$0	\$45,000		\$45,000				\$0		\$45,000	Shelter with concrete floor and picnic tables. This would replace the current shelter that is over 35 years old. Leaking and in need of replacement.		
K1705	in progress		Parks	General	Preston's Playground Utility Lines	C - Community Health	\$160,334	\$160,334				\$0				\$0		\$0			
KEQSF	1		Parks	General	Vehicle Replacement Program	D - Efficiency/Other	\$32,000	\$3,128	\$240,000	\$90,000		\$330,000	(\$240,000)	(\$90,000)	\$0	(\$330,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.		
NEW	2		Parks	General	Mini Skid Steerer and Trailer	B - Public Safety		n/a	\$42,200			\$42,200				\$0		\$42,200	Assist with snow removal and it can be used as a four season machine with various attachments		
C1401	1		Police	General	Ballistic Vests	B - Public Safety	\$6,000	\$6,000	\$3,000	\$13,390	\$11,671	\$28,061				\$0		\$28,061	The ballistic vests are necessary to ensure the safety of police officers. Ballistic vests have a five year expiration date. 3 vests expire in 2018 and must be replaced. 13 vests expire in 2019. 11 vests expire in 2020. 2019 and 2020 numbers represent a 3% per year estimated increase.		
C1601	1		Police	General	Taser X26P Replacement	B - Public Safety	\$18,818	\$1,254	\$20,389	\$21,408	\$22,478	\$64,275				\$0		\$64,275	The Taser is a less lethal weapon utilized by officers to defend themselves or others from aggressive or actively resistant persons while reducing the risk of receiving or inflicting injury. The manufacturer warranties the X26P for 5 years. Our existing inventory of tasers are in need of replacement. A taser & holster costs a total of \$1456.35/ea for 2018. Our plan is to replace 14 tasers per year. 2019 and 2020 cost estimates represent a 5% per year price increase as provided by Taser.		
C1701			Police	General	Vehicle 940 Addition to Fleet	B - Public Safety	\$20,000	\$0				\$0				\$0		\$0			
C1702	in progress		Police	General	NPD/UDPD 911 Center Co-location Study	B - Public Safety	\$25,000	\$25,000				\$0				\$0		\$0			
CEQSF	1		Police	General	Vehicle Replacement Program	B - Public Safety	\$312,000	\$62,888	\$184,000	\$395,000	\$30,000	\$609,000	(\$184,000)	(\$395,000)	(\$30,000)	(\$609,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.		
NEW	2		Police	General	Police Car Retrofit	B - Public Safety		n/a	\$120,000			\$120,000				\$0		\$120,000	New computers are coming for NPD. These require new mounts in all NPD vehicles along with new connectivity for Verizon Wireless		
NEW	2		Police	General	Building Security Upgrades (SWF, Water Plant)	B - Public Safety		n/a	\$50,000			\$50,000				\$0		\$50,000	Required for safety of our water facilities. Would include Doors and Cameras		
NEW	2		Police	General	Motorola Vehicle Radio Upgrade	B - Public Safety		n/a	\$108,603			\$108,603				\$0		\$108,603	The State of Delaware Division of Communications is upgrading the Statewide 800 MHz radio system. This radio upgrade will replace key infrastructure that is almost 20 years old. As part of this upgrade all in-vehicle 800MHz radios must be replaced by 2024, funded by each individual police agency. To help facilitate this process Motorola is offering rebates through 2021 with the rebate amount decreasing by \$200 each year. The 2018 rebate is currently \$900 per unit. In order to maximize cost savings (approx. \$30,000) The department recommends purchasing all 33 replacement radios in 2018. (Note – Motorola will not offer replacement parts for our current radios after 2018)		
NEW	3		Police	General	Police Office Chair Replacement Project	D - Efficiency/Other		n/a	\$9,500			\$9,500				\$0		\$9,500	This amount reflects the replacement of 37 upholstered chairs that will be 25 years old in 2018. These chairs are original to the building and are in poor condition with the majority ripped, stained and without full functionality. Cost reflects \$250/ea x 37 + estimated shipping.		
R1501			PWWR	General	Automated Yard Waste Carts	D - Efficiency/Other	\$0	\$13,842				\$0				\$0		\$0			
REQSF	2		PWWR	General	Vehicle Replacement Program	D - Efficiency/Other	\$200,000	\$200,000	\$0	\$220,000	\$0	\$220,000		(\$220,000)		(\$220,000)		\$0			
TEQSF	3		PWWR	General	Vehicle Replacement Program	D - Efficiency/Other	\$21,000	\$168	\$66,000			\$66,000	(\$66,000)	\$0	\$0	(\$66,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.		
M1101	in progress		PWWR	Maintenance Fund - Fleet	Maint Yard Master Plan/Salt Shed Replacement	D - Efficiency/Other	\$250,000	\$269,564				\$0				\$0		\$0			
M1401	in progress		PWWR	Maintenance Fund - Fleet	Truck Lift Systems Improvements	D - Efficiency/Other	\$102,549	\$102,549				\$0				\$0		\$0			
MEQSF	2		PWWR	Maintenance Fund - Fleet	Vehicle Replacement Program	D - Efficiency/Other			\$40,000	\$0	\$0	\$40,000	(\$40,000)	\$0	\$0	(\$40,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.		

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S0904	1		PWWR	Sewer	Sanitary Sewer Study & Repairs	D - Efficiency/Other	\$500,000	\$861,501	\$700,000	\$800,000	\$800,000	\$2,300,000				\$0		\$2,300,000	
S1501	in progress		PWWR	Sewer	Sewer System Master Plan	A - Return on Investment (Overall Savings)	\$20,000	\$31,147				\$0				\$0		\$0	
S1602	2		PWWR	Sewer	Sewer SCADA	D - Efficiency/Other	\$93,675	\$75,000	\$75,000			\$75,000				\$0		\$75,000	
S1701	in progress		PWWR	Sewer	Twin Lakes Pump Station	C - Community Health	\$150,000	\$150,000				\$0				\$0		\$0	
Q1702	in progress		PWWR	Stormwater (Sewer)	Storm System Start Up Costs	D - Efficiency/Other	\$250,000	\$230,000				\$0				\$0		\$0	
Q0101	1		PWWR	Stormwater (Water)	NPDES Phase II Stormwater Quality	C - Community Health	\$40,000	\$80,000	\$40,000	\$40,000	\$40,000	\$120,000				\$0		\$120,000	
Q1301	1		PWWR	Stormwater (Water)	Storm Drainage Improvements	B - Public Safety	\$350,000	\$565,958	\$420,000	\$441,000	\$463,050	\$1,324,050				\$0		\$1,324,050	
Q1802	1		PWWR	Stormwater (Water)	Rodney Regional Stormwater Park	D - Efficiency/Other		n/a	\$3,250,000	\$3,250,000		\$6,500,000	(\$3,250,000)	(\$3,250,000)		(\$6,500,000)	Grants, SRF Loan, Bonds (referendum)	\$0	Stormwater facility and park at old Rodney dorm property
QEQSF	2		PWWR	Stormwater (Water)	Vehicle Replacement Program	D - Efficiency/Other	\$60,000	\$275,000	\$18,000	\$0	\$0	\$18,000	(\$18,000)	\$0	\$0	(\$18,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.
W0002	1		PWWR	Water	Alternative Disinfection Equipment	B - Public Safety	\$643,000	\$502,989	\$757,000			\$757,000	(\$757,000)			(\$757,000)	referendum	\$0	
W0503	1		PWWR	Water	Well Restoration	A - Return on Investment (Overall Savings)	\$28,000	\$48,576	\$56,000	\$29,000	\$29,000	\$114,000				\$0		\$114,000	
W1101	in progress		PWWR	Water	Curtis Plant Intake Replacement	D - Efficiency/Other	\$86,220	\$172,440				\$0				\$0		\$0	
W1102	in progress		PWWR	Water	Lime Silo/Delivery Rehabilitation	D - Efficiency/Other	\$0	\$13,650				\$0				\$0		\$0	
W1104	in progress		PWWR	Water	South Well Field Post Filter pH Adjustment	D - Efficiency/Other	\$100,000	\$100,000				\$0				\$0		\$0	
W1201	in progress		PWWR	Water	Water Main: Windy Hills to Red Mill	B - Public Safety	\$429,350	\$402,085				\$0				\$0		\$0	
W1302	3		PWWR	Water	Abandon Old Wells	B - Public Safety	\$0	\$40,000	\$40,000			\$40,000				\$0		\$40,000	
W1303	2		PWWR	Water	Water System Master Plan	D - Efficiency/Other	\$52,150	\$50,622	\$50,000			\$50,000				\$0		\$50,000	
W1304	in progress		PWWR	Water	Eliminate Tank Overflows	B - Public Safety	\$67,660	\$306				\$0				\$0		\$0	
W1402	2		PWWR	Water	Air Stripper Replacement/Storage Tank Config.	D - Efficiency/Other	\$225,000	\$225,000	\$1,000,000			\$1,000,000	(\$1,000,000)			(\$1,000,000)	referendum	\$0	
W1503	3		PWWR	Water	Academy Street Interconnection Station	D - Efficiency/Other	\$42,500	\$30,173	\$0	\$50,000	\$500,000	\$550,000				\$0		\$550,000	
W1601	1		PWWR	Water	Backup Generation at Remote Facilities	D - Efficiency/Other		n/a	\$82,500	\$70,000		\$152,500				\$0		\$152,500	
W1602	3		PWWR	Water	Roseville Park Pressure District	B - Public Safety	\$0	\$16,757			\$25,000	\$25,000				\$0		\$25,000	
W1701	2		PWWR	Water	Valve Inspection, Exercising, and Rehabilitation	D - Efficiency/Other		n/a	\$165,000	\$125,000	\$125,000	\$415,000				\$0		\$415,000	
W1702	2		PWWR	Water	Source Water Protection	D - Efficiency/Other	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$60,000				\$0		\$60,000	
W1703	3		PWWR	Water	Laird Tract Well Field Treatment	D - Efficiency/Other		n/a		\$400,000	\$1,200,000	\$1,600,000				\$0		\$1,600,000	
W8605	2		PWWR	Water	Water Tank Maintenance	D - Efficiency/Other	\$25,000	\$55,946	\$700,000	\$500,000	\$600,000	\$1,800,000	(\$700,000)	(\$500,000)	(\$600,000)	(\$1,800,000)	referendum	\$0	
W9302	2		PWWR	Water	SCADA System	D - Efficiency/Other	\$150,000	(\$3,553)	\$200,000	\$200,000	\$50,000	\$450,000				\$0		\$450,000	
W9308	1		PWWR	Water	Water Main Renovation Program	D - Efficiency/Other	\$1,000,000	\$900,899	\$500,000	\$1,000,000	\$500,000	\$2,000,000				\$0		\$2,000,000	
WEQSF	3		PWWR	Water	Vehicle Replacement Program	D - Efficiency/Other	\$190,000	\$159,488	\$12,000	\$20,000	\$210,000	\$242,000	(\$12,000)	(\$20,000)	(\$210,000)	(\$242,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.
H0206	2		PWWR	General	Municipal Bldg Parking Lot Improvements	B - Public Safety	\$0	\$30,000	\$520,000			\$520,000				\$0		\$520,000	
H1403	in progress		PWWR	General	Pedestrian Crossing Signalization	B - Public Safety	\$110,000	\$110,000				\$0				\$0		\$0	
H1503	2		PWWR	General	Newark Transportation Plan Implementation	B - Public Safety	\$252,000	\$252,000	\$648,000	\$20,000	\$20,000	\$688,000	(\$720,000)			(\$720,000)	Transportation Alternatives Program	(\$32,000)	
H1603	in progress		PWWR	General	Pothole Patcher	A - Return on Investment (Overall Savings)	\$0	\$30,630				\$0				\$0		\$0	
H1701	1		PWWR	General	Annual Street Program	D - Efficiency/Other	\$1,515,000	\$1,773,407	\$1,545,000	\$1,600,000	\$1,625,000	\$4,770,000	(\$515,000)	(\$515,000)	(\$515,000)	(\$1,545,000)		\$3,225,000	Annual street rehab/improvement
H1702	1		PWWR	General	ADA Handicap Ramp Transition Plan	B - Public Safety	\$120,000	\$90,000	\$120,000	\$120,000	\$120,000	\$360,000	(\$30,000)	(\$30,000)	(\$30,000)	(\$90,000)		\$270,000	Annual ADA Transition Plan - Federal Mandate
H1803	3		PWWR	General	Asphalt Laying Drag Box	D - Efficiency/Other	\$0	n/a	\$30,000			\$30,000				\$0		\$30,000	New Equipment for PWWR Street Division to enable larger and smoother patches in house

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

CITY OF NEWARK, DELAWARE
 CAPITAL IMPROVEMENTS PROGRAM 2018-2020
 DRAFT
 MAY 12, 2017

PROJECT #/PROJECT NAME/JUSTIFICATION CODE/FUND					JUSTIFICATION	2017	Balance as of 3/31/2017*	CAPITAL IMPROVEMENTS PROGRAM REQUESTED FUNDING				OTHER FUNDING (GRANTS, EQUIPMENT REPLACEMENT, OTHER)				TYPE OF OTHER FUNDING (GRANT, EQUIPMENT, BONDS, OTHER)	NET FUNDING	COMMENTS	
								2018	2019	2020	TOTAL	2018	2019	2020	TOTAL OTHER FUNDING				
Project #	Dept	Priority	Dept	Fund	Description	Justification	2017 Budget	Balance as of 3/31/2017	2018	2019	2020	Total CIP Req	2018 Other	2019 Other	2020 Other	Total Other Fund	Type of Other Funding	Net Funding	Comments/Descriptions
HEQSF	2		PWWR	General	Vehicle Replacement Program	D - Efficiency/Other	\$220,000	\$496,254	\$190,000	\$175,000		\$365,000	(\$190,000)	(\$175,000)		(\$365,000)	Equipment Sinking Fund	\$0	Per 2017 CIP. Tentative.
							\$11,144,546	\$12,330,261	\$16,464,292	\$12,757,298	\$7,471,199	\$36,692,789	(\$8,140,000)	(\$6,725,500)	(\$1,835,000)	(\$16,700,500)		\$19,992,289	

*Includes grant funding.

Justification Codes:
 A - Return on Investment - Overall Savings
 B - Public Safety
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