



2023 – 2027

Capital Improvement Program

October 18, 2022

Planning Commission Presentation

Sec. 2-89. - General powers and duties of the planning commission.

(a) Recommendations and advisements on planning subjects.

It shall be the duty of the planning commission, after considering the advice of the planning director, to:

advise the city council on zoning and land subdivision matters as provided in the respective ordinances; on the comprehensive development plan; on the official map of the city; on proposed ordinances concerning land use and land development regulations; on urban renewal; **on expenditures for capital improvements, where such improvements refer to a matter covered by the comprehensive plan or the official map** and on such other planning subjects as are referred to it by the city council or the city manager.

All such recommendations and advisements by the planning commission shall be submitted to the council within a time specified by the council and prior to the public hearing by the council on the proposed ordinance, where applicable.

Goals of the CIP

Projects will seek to advance Newark's vision elements

- Healthy & Active Community
- Sustainable Community
- Inclusive Community

Maintain and enhance the City's physical framework

- Streets and Sidewalks
- Parks and Parking Facilities
- Municipal & Police Facilities
- Utility infrastructure

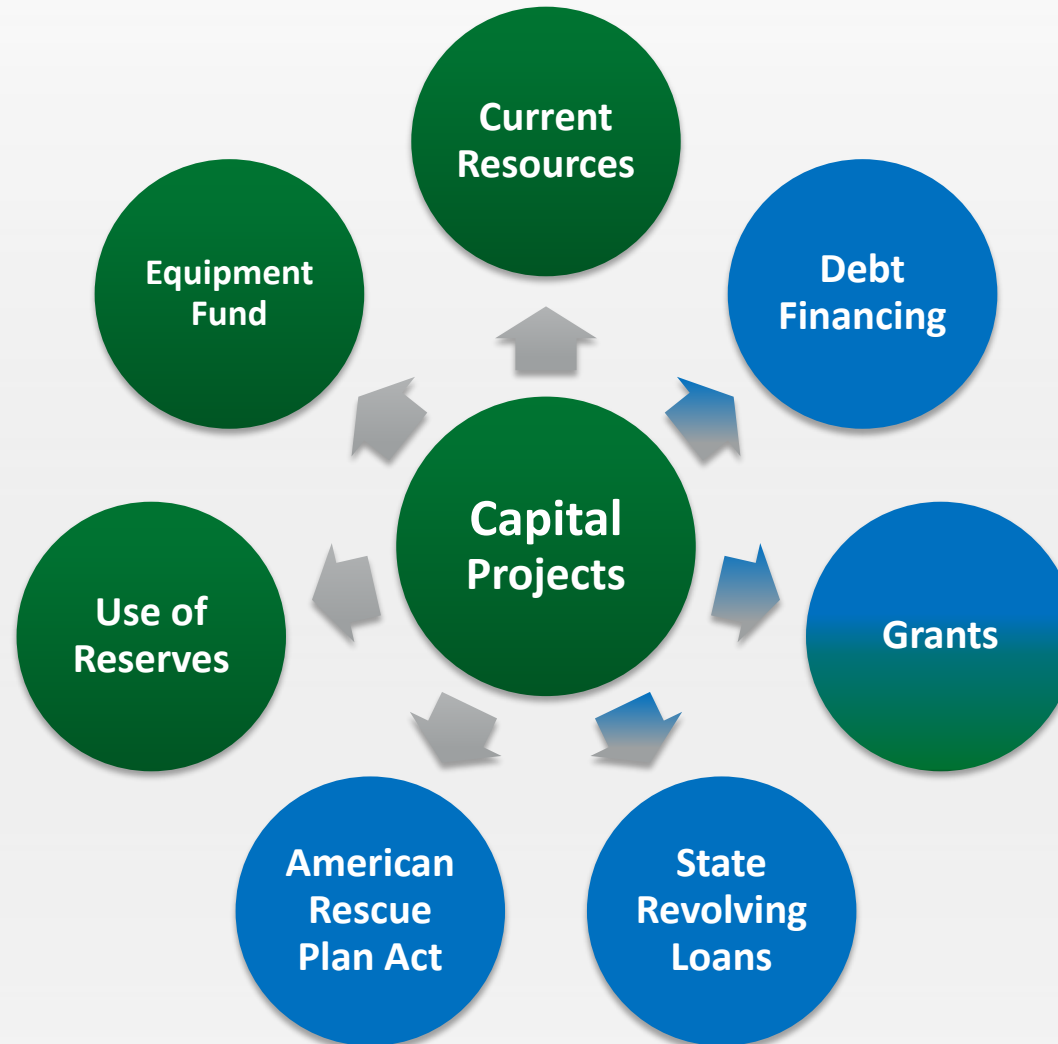
Support the provision of services to the City's residents

- Maintain the City's core services and functions

Ensure the financial strength of the City via prudent investments and decision making

- Conservative use of Capital Reserves
- Revenue requirements must be met
- Cost recovery must be fair and equitable

Diversified CIP Funding



Planning & Development Key Accomplishments – 2022

- **BB-RA Zoning Code Review and Community Charrette**

- Conducted a five-day charrette in March 2022 to get community input on changes that residents and stakeholders want to see in the downtown area.
- Multiple rounds of review with Council culminating in a joint Planning Commission and Council meeting on August 25.
- Final code language is to be reviewed by Planning Commission this evening before being considered by Council.

- **Parking Subcommittee**

- Downtown Newark Parking Plan Phases I and II presented to Council in March 2022.
- Parking Advisory Committee established, on street parking time limit reduced, Residential Parking Permit zone process codified, and supervising department codified by Council in July 2022.
- BB parking changes reviewed by Planning Commission in July, which will go to Council in conjunction with the other BB-RA updates.
- Parking lot design requirement recommendations currently are being reviewed by staff to bring to Planning Commission by the end of the year.
- Parking fine updates are going to Council in November and parking rate updates are being discussed as part of the FY2023 budget process.

Planning & Development Accomplishments (cont'd)

- **Transportation Improvement District**

- Steering Committee met throughout 2022 and forwarded their final recommended TID and fee schedule on September 14, 2022.
- A joint Planning Commission and Council meeting to review the recommendation is scheduled for November 3, 2022.

- **Five Year Review of the Comprehensive Plan**

- Project completed with the final adoption of Comprehensive Development Plan V 2.0 on August 8, 2022 by Council.

- **Rental Housing Workgroup**

- Initial policy item regarding accessory dwelling units was shelved by Council in May 2022 with remaining items paused based on Council direction.
- Workgroup recommendations to be included in a larger “a-third-able housing” policy initiative to be put together in 2023.

- **Nuisance Property Ordinance**

- Two smaller interim ordinances adopted by Council in February and July 2022. Full nuisance property ordinance to go to Council in November 2022.

- **Chapter 17 Property Maintenance Code Updates**

- Staff currently reviewing Chapter 17 to update to the 2021 International Property Maintenance Code and to update rental permit formula to reflect City costs and time to inspect dwelling units.

Electric Key Accomplishments – 2022

- The City of Newark Electric Department received the [American Public Power Association's \(APPA\) Safety Award of Excellence](#) for safe operating practices in 2021. The Department won first place in Group C, which has 30,000 to 59,999 worker-hours of exposure and was recognized at the APPA Engineering and Operations Conference today. 318 utilities from across the country entered the annual Safety Awards. Entrants were placed in categories according to their number of worker-hours and ranked based on the most incident-free records during 2021. The incident rate, which is used to judge entries, is based on its number of work-related reportable injuries or illnesses and the number of worker-hours during 2021 as defined by the occupational Safety and Health Administration (OSHA).
- The City of Newark Electric Department has received **national recognition for achieving exceptional electric reliability** in 2021. The recognition comes from the American Public Power Association (APPA), a trade group that represents more than 2,000 not-for-profit, community-owned electric utilities. APPA helps electric utilities track power outage and restoration data through its subscription-based eReliability Tracker service. Once per year, APPA's Reliability Team compares this data to national statistics tracked by the U.S. Energy Information Administration for all types of electric utilities.
- **Circuit Breaker Replacement.** The new 35kV circuit breaker at the Fremont Road substation will be installed. The new circuit breaker will replace the 45 years old 35kV oil circuit breaker. We are also upgrading the communication hardware at this substation so that we can transfer this substation to the new SCADA system. The project is in progress, and we are on track to complete this project by the end of 2023.

Electric Key Accomplishments – 2022 (cont'd)

- Successfully moved South Chapel substation from the old Supervisory Control and Data Acquisition (SCADA) system to the new SCADA system. We will transfer the other eight substations to the new SCADA system in 2023.
- Implementation of Outage Management System (OMS). With this application, we will be able to efficiently track outages, reduce downtime, and proactively and safely guide field crews during restoration activities. The application comes with a customer outage portal. With this portal, customers will be able to access real-time status updates detailing the estimated time of restoration, scheduled outages, and other outage-related activities. The project is in progress, and we are on track to complete it by the end of the first quarter of 2023.
- **CIP E1807 – Relay replacements at Kershaw Substation** - This project's scope includes replacing the existing 138/34 kV T4 transformer and 139kV circuit breaker electromechanical relays with new digital microprocessor relays at Kershaw Substation. We have completed 90% of the engineering drawings for 138/34 kV transformer T4. The project is in progress. This is a multi-year project. All the engineering work will be completed by the first quarter of 2023.
- **Development Projects.** We have completed the following development projects throughout the City:
 - The Grove (87 new meters were installed for apartment building 1)
 - Newark Senior Center on Barksdale Rd
 - 279 Orchard Road
 - 511 Valley Road
 - Newark Charter School
 - Fintech at STAR Campus

Parks & Recreation Key Accomplishments - 2022

- Developed a preliminary design for Old Paper Mill Road Park that includes a multipurpose grass field, pickleball courts and pavilion area.
- Completed the installation of the new park signage throughout the park system.
- Completed repairs and resurfacing of the Fairfield and Phillips Park tennis courts and the White Chapel basketball court.
- Completed tree giveaway of 240 trees to Newark residents with financial support from the Conservation Advisory Commission (CAC).
- Received grant funding from the Delmarva Sustainability Grant Program to plant over 900 trees throughout the park system. Had over 100 volunteers assisting with the plantings at 5 different sites.
- Installation of a new kiln at the George Wilson Center replacing the old kiln that was over 30 years old.
- Received grant money from the Childcare Stabilization grant for the Before and After School Care programs which assisted with personnel costs and outdoor classrooms for both sites.
- Happy to report that we have been able to resume with Community Events including the Egg Hunt, Memorial Day Parade, July 4th Fireworks, Community Day, etc. after a two-year hiatus due to COVID-19.

PWWR Key Accomplishments - 2022

- **Sewer Utility:**

- Completed the lining of approximately 10,000 linear feet of degraded sewer line, increasing the life span by 50+ years.
- Continued to clean and inspect locations throughout the City in order to program additional rehabilitation programs in future years.

- **Water Utility:**

- Completed a \$2 million water main replacement program to address deteriorated pipes, water quality concerns, and pressure and flow improvements. Locations include Chrysler Ave, East Park Place, and Dallam Road.
- Completed 2/3 of the water valve maintenance program, with completion slated for Spring 2023.
- Completed design and construction on a chlorine booster station at New London Tank.
- Negotiated a new lease for cell tower antennae at our New London Tank.

- **Fleet Maintenance**

- Maintained safe operation of fleet on the road despite challenges with cost and availability of parts. Similar challenges with the availability of new vehicles to replace aging vehicles compounded these issues.

PWWR Key Accomplishments – 2022 (cont'd)

- **GIS Development**

- Fire Flow Testing, Water Main Break, and sidewalk inspection apps. (See GIS Accomplishments – Slide 12)

- **Street:**

- Completed paving and rehabilitation of streets and curbs in 14 segments of street around the City, including Hillside Road and Forest Lane in conjunction with the Hillside Park project.
- Rolled out a mandatory training program for new Commercial Driver's License (CDL) applicants per new federal motor carrier rules.

- **Stormwater Utility:**

- Rehabilitated 2 large segments (48" diameter) of Corrugated Metal Pipe and awarded contract for the replacement of another large segment to begin late 2022.
- Completed a water quality retrofit of an existing stormwater basin in Abbottsford development. Submerged gravel wetlands installation is effective at removing sediment and phosphorus from the runoff before discharging to the Christina River.

Information Technology Key Accomplishments - 2022

- Improved remote access system by upgrading two legacy virtual private network (VPN) solutions into a single software-based solution.
- Upgraded our backup and recovery systems and Windows Servers to a modern solution
- Designed and implemented supervisory control and data acquisition (SCADA) network improvements to better control city assets.
- Worked with the Electric and Police Departments to deploy new surveillance cameras.
- Upgraded Harris Northstar Customer Information System (CIS) and Compass SmartWorks, meter data management software (Nov/Dec). Harris Northstar is the system used by the City to manage our water, sewer, and electric utilities.
- Replaced Harris Customer Connect, customer utility engagement portal, with their upgraded solution Harris SilverBlaze (to be completed in December).
- Worked with Tyler Technologies and the Communications team to implement the MyCivic App, a customizable platform designed to promote civic engagement and enhance the quality of life for the citizens of Newark (to be completed in December).

GIS Key Accomplishments - 2022

- **Awarded a Special Achievement in GIS award from ESRI for our work in encouraging the use of GIS to streamline daily operations throughout our departments.**
- **Operation Dashboards (Various Departments)**– Successfully created comprehensive summary applications providing location-aware data visualization and analytics for a real-time operational view and the condition of departmental assets.
- **Fire Hydrant Flow Test Application (PWWR)**– Created GIS-based application allowing field staff to perform and catalog fire flow test data and create reports for design engineers quickly and reliably.
- **Stormwater Management BMP Inspection and Reporting (PWWR)** – Created an application to streamline the collection of field inspection data and automated reporting to the facility owner for recommended maintenance.
- **Sidewalk Safety Inspection Application (PWWR)** - Created an application to streamline and automate the field collection of sidewalk inspections to easily create and send notification of necessary repairs to property owners.

2023-2027 Recommended CIP

FUNDING SUMMARY

	2023	2024	2025	2026	2027	Total 5 Year
New Funding:	\$ 26,982,267	\$ 32,500,230	\$ 19,015,388	\$ 11,936,738	\$ 10,766,623	\$ 101,201,246
*Prior Authorized Balance:	\$ 6,780,786	\$ 1,358,359	\$ 1,532	\$ -	\$ -	\$ 8,140,677
2023-2027 Funding:	\$ 33,763,053	\$ 33,858,589	\$ 19,016,920	\$ 11,936,738	\$ 10,766,623	\$ 109,341,923

*Prior Authorized Balance includes 2022 carryover funding only.

	2022 BUDGET AS AMENDED	-----2023-----		PROPOSED BUDGETS					TOTAL PROPOSED AMOUNTS
		RESERVES AND OTHER FUNDING	CURRENT FUNDING	2023	2024	2025	2026	2027	
ELECTRIC FUND	\$ 2,847,687	\$ 12,892,898	\$ 2,107,996	\$ 15,000,894	\$ 18,295,000	\$ 1,265,000	\$ 515,000	\$ 1,263,000	\$ 36,338,894
WATER FUND	4,469,000	8,081,000	119,000	8,200,000	6,956,000	8,505,000	4,100,000	3,190,000	30,951,000
SEWER FUND	1,950,000	1,336,000	-	1,336,000	1,275,000	1,050,000	1,050,000	1,000,000	5,711,000
STORMWATER FUND	950,000	888,420	90,000	978,420	1,050,000	740,000	740,000	1,300,000	4,808,420
PUBLIC WORKS DEPARTMENT - CAPITAL PROJECT FUND DIVISIONS	2,339,890	1,523,802	1,077,441	2,601,243	3,059,000	2,580,000	2,715,000	2,835,000	13,790,243
POLICE DEPARTMENT - CAPITAL PROJECT FUND	502,640	64,732	28,000	92,732	107,079	170,398	383,254	418,459	1,171,922
PARKS AND RECREATION DEPARTMENT - CAPITAL PROJECT FUND	1,988,275	596,762	390,000	986,762	1,027,000	435,713	513,000	635,000	3,597,475
PARKING FUND	-	200,000	62,792	262,792	75,639	5,809	65,984	58,164	468,388
INFORMATION TECHNOLOGY DIVISION - CAPITAL PROJECT FUND	2,442,155	201,570	-	201,570	78,871	30,000	74,500	32,000	416,941
MAINTENANCE FUND	495,000	3,307,640	210,000	3,517,640	1,415,000	4,200,000	1,570,000	-	10,702,640
OTHER DEPARTMENTS/DIVISIONS	693,335	600,000	-	600,000	535,000	50,000	225,000	50,000	1,460,000
GROSS CAPITAL IMPROVEMENTS	\$ 18,677,982	\$ 29,692,824	\$ 4,085,229	\$ 33,778,053	\$ 33,873,589	\$ 19,031,920	\$ 11,951,738	\$ 10,781,623	\$ 109,416,923
PLANNED FINANCING SOURCES									
GROSS CAPITAL IMPROVEMENTS	\$ 18,677,982	\$ 29,692,824	\$ 4,085,229	\$ 33,778,053	\$ 33,873,589	\$ 19,031,920	\$ 11,951,738	\$ 10,781,623	\$ 109,416,923
LESS: USE OF RESERVES	(1,603,654)	(1,389,858)	-	(1,389,858)	(334,153)	(1,532)	-	-	(1,725,543)
VEHICLE & EQUIPMENT REPLACEMENT	(744,679)	(372,736)	-	(372,736)	(917,804)	(715,177)	(704,491)	(1,140,417)	(3,850,625)
GRANTS	(733,016)	(5,873,802)	-	(5,873,802)	(949,673)	(784,000)	(774,073)	(710,000)	(9,091,548)
BOND ISSUES	(450,178)	(56,000)	-	(56,000)	(825,000)	(4,000,000)	(1,500,000)	-	(6,381,000)
STATE REVOLVING LOANS	(3,725,000)	(2,310,000)	-	(2,310,000)	(881,000)	(7,400,000)	(3,000,000)	(3,000,000)	(16,591,000)
AMERICAN RESCUE PLAN ACT	(7,676,968)	(7,219,370)	-	(7,219,370)	(4,256,371)	-	-	-	(11,475,741)
OTHER FINANCING SOURCES	(444,654)	(12,471,058)	-	(12,471,058)	(16,180,000)	(480,000)	(180,000)	(180,000)	(29,491,058)
NET CAPITAL IMPROVEMENTS	\$ 3,299,833	\$ -	\$ 4,085,229	\$ 4,085,229	\$ 9,529,588	\$ 5,651,211	\$ 5,793,174	\$ 5,751,206	\$ 30,810,408

2023-2027 Recommended – Financing Sources

PLANNED FINANCING SOURCES	2022 BUDGET AS AMENDED	-----2023-----		PROPOSED BUDGETS					
		RESERVES AND OTHER FUNDING	CURRENT FUNDING	2023	2024	2025	2026	2027	TOTAL
GROSS CAPITAL IMPROVEMENTS	\$ 18,677,982	\$ 29,692,824	\$ 4,085,229	\$ 33,778,053	\$ 33,873,589	\$ 19,031,920	\$ 11,951,738	\$ 10,781,623	\$ 109,416,923
LESS: USE OF RESERVES	(1,603,654)	(1,389,858)	-	(1,389,858)	(334,153)	(1,532)	-	-	(1,725,543)
VEHICLE & EQUIPMENT REPLACEMENT	(744,679)	(372,736)	-	(372,736)	(917,804)	(715,177)	(704,491)	(1,140,417)	(3,850,625)
GRANTS	(733,016)	(5,873,802)	-	(5,873,802)	(949,673)	(784,000)	(774,073)	(710,000)	(9,091,548)
BOND ISSUES	(450,178)	(56,000)	-	(56,000)	(825,000)	(4,000,000)	(1,500,000)	-	(6,381,000)
STATE REVOLVING LOANS	(3,725,000)	(2,310,000)	-	(2,310,000)	(881,000)	(7,400,000)	(3,000,000)	(3,000,000)	(16,591,000)
AMERICAN RESCUE PLAN ACT	(7,676,968)	(7,219,370)	-	(7,219,370)	(4,256,371)	-	-	-	(11,475,741)
OTHER FINANCING SOURCES	(444,654)	(12,471,058)	-	(12,471,058)	(16,180,000)	(480,000)	(180,000)	(180,000)	(29,491,058)
NET CAPITAL IMPROVEMENTS	\$ 3,299,833	\$ -	\$ 4,085,229	\$ 4,085,229	\$ 9,529,588	\$ 5,651,211	\$ 5,793,174	\$ 5,751,206	\$ 30,810,408

City utilizes a variety of sources to fund capital projects

- \$4 million of 2023 CIP will be funded via City funds (12%)
- \$30.8 million of 5-year CIP will be funded via City funds (28.1%)
- Reliance on the State Revolving Loan Program, American Rescue Plan Act, conduit debt and other grant funding

2023-2027 Recommended – 2023's Largest Projects

2023 PROJECTS			CITY FUNDS				NON-CITY RESOURCES (DEBT SERVICE)						2023 PROJECT TOTAL
FUND	PROJECT NUMBER	PROJECT NAME	CURRENT RESOURCES	CAPITAL RESERVES	EQUIPMENT REPLACEMENT	TOTAL CITY FUNDS	GRANTS	BOND ISSUES	STATE REVOLVING LOAN	AMERICAN RESCUE PLAN ACT	OTHER	TOTAL CITY FUNDS	
Electric	E2002	New Substation	-	-	-	-	-	-	-	-	12,000,000	12,000,000	12,000,000
Water	W2206	Emerging Contaminants WTP Upgrades	-	-	-	-	1,590,000	-	1,310,000	-	-	2,900,000	2,900,000
Maintenance	N2203	Energy Savings Project Round II	-	-	-	-	2,181,500	-	-	-	-	2,181,500	2,181,500
Water	W9308	Water Main Replacement Program	-	-	-	-	-	-	-	2,000,000	-	2,000,000	2,000,000
Capital Projects	H2301	Annual Street Program	900,000	250,000	-	1,150,000	551,302	-	-	-	60,000	611,302	1,761,302
Sewer	S0904	Sanitary Sewer Study and Repairs	-	-	-	-	-	-	-	1,061,000	-	1,061,000	1,061,000
Water	W8605	Water Tank Maintenance	-	-	-	-	-	-	1,000,000	-	-	1,000,000	1,000,000
Capital Projects	H2203	City Hall Parking Lot Rehabilitation	-	-	-	-	-	-	-	625,000	-	625,000	625,000
Electric	E2305	Tropos Mesh Network Replacement (Electric Portion)	600,000	-	-	600,000	-	-	-	-	-	-	600,000
Capital Projects	B2201	EnerGov Civic Services Software	-	-	-	-	-	-	-	600,000	-	600,000	600,000
Maintenance	N2301	George Wilson Community Center Master Plan	-	-	-	-	595,000	-	-	-	-	595,000	595,000
Electric	E2001	City Hall - Electric Vehicle Charging Station Wiring	-	20,836	-	20,836	521,000	-	-	-	51,058	572,058	592,894
Water	W2205	Curtis WTP - Raceway and Backwash Lagoon Rehabilitation	-	-	-	-	-	-	-	550,000	-	550,000	550,000
Stormwater	Q1301	Storm Drainage Improvements	-	525,000	-	525,000	-	-	-	-	-	-	525,000
TOTAL 2023 LARGE PROJECTS:			\$ 1,500,000	\$ 795,836	\$ -	\$ 2,295,836	\$ 5,438,802	\$ -	\$ 2,310,000	\$ 4,836,000	\$ 12,111,058	\$ 24,695,860	\$ 26,991,696
% Funding Coming from City Funds in 2023 (largest projects):			9%				91%						100%
2023 GROSS CAPITAL IMPROVEMENTS:			\$ 4,085,229	\$ 1,389,858	\$ 372,736	\$ 5,847,823	\$ 5,873,802	\$ 56,000	\$ 2,310,000	\$ 7,219,370	\$ 12,471,058	\$ 27,930,230	\$ 33,778,053
% of Total 2023 CIP Budget (Per Funding Source):			37%	57%	0%	39%	93%	0%	100%	67%	97%	88%	80%

Out Years (not included above):

- E2002 - New Electric Substation (2024: \$15,700,000 balance of project): \$27.7 million total
- \$22.7M – Various water projects
- \$10.7M – Street projects

Facilities Maintenance Projects

- Three new facilities projects added (two in 2023, one in 2024); other long-standing projects recommended for 2023
 - Using \$2,431,000 in State bond bill funding received in 2022 for energy savings projects and security upgrades at the Field Operations Complex
- **2023 projects:**
 - N2301: George Wilson Community Center Master Plan
 - Floor, wall, and door repairs
 - ADA accessibility and security improvements
 - New pavilion and playground equipment
 - N2302: Municipal Center Master Plan
 - Council Chamber security renovations
 - Breakroom kitchenette installation
 - Court seating upgrades
 - Building façade and structural improvements
 - N2303: Field Operations Complex Administrative Building and Wash Bay



Images #1 and 2: GWC Exterior



Images #5 and 6: GWC Exterior



Associated Photos



Image #9: Apple Road side of Newark Police Department.



Image #18: Newark Police Department Sally Port (lot side).



Energy Savings Project Round 2 – N2203

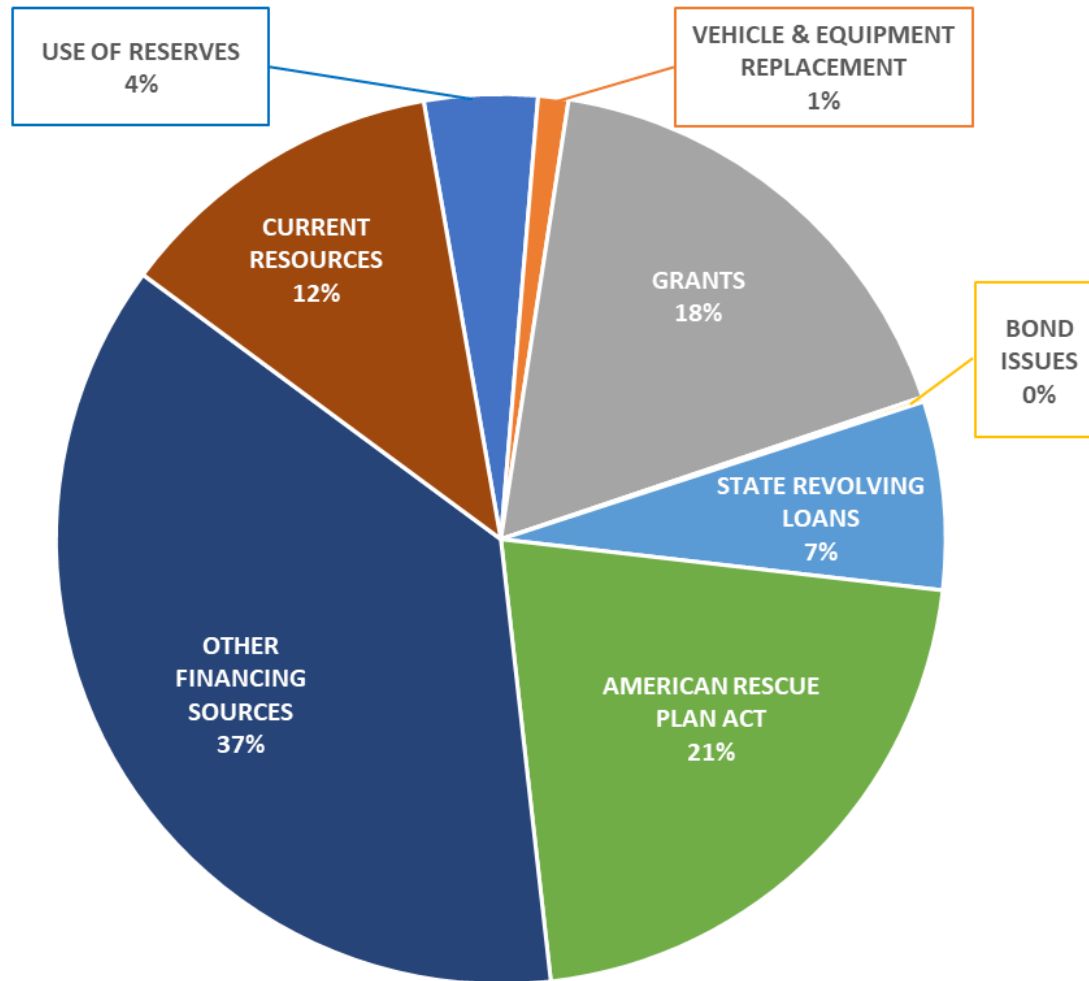
PROJECT	ESTIMATE	% OF PROJ. - EST.
SWF WTF Roof Repairs	\$ 181,500.00	8.32%
Curtis WTP Solar	\$ 100,000.00	4.58%
Reservoir Solar Field Site Improvements	\$ 50,000.00	2.29%
Police Building Window Replacement	\$ 250,000.00	11.46%
Finance/Court Wing Window Replacement	\$ 200,000.00	9.17%
SWF WTP Solar	\$ 100,000.00	4.58%
PD Office VAV	\$ 5,000.00	0.23%
CC, Solicitor, CM Office Radiant Heating Panels	\$ 20,000.00	0.92%
Parks Building HVAC/Building Envelope Renovations	\$ 300,000.00	13.75%
Municipal Center Building Envelope Improvements	\$ 410,000.00	18.79%
Ceiling Tile Replacements - City Hall	\$ 40,000.00	1.83%
Ceiling Tile Replacements - GWC	\$ 15,000.00	0.69%
GWC BAS	\$ 20,000.00	0.92%
Municipal Center Carpet Replacement	\$ 300,000.00	13.75%
Floor Repairs	\$ 75,000.00	3.44%
Municipal Center Duct Cleaning	\$ 65,000.00	2.98%
PD Flex Duct Repairs	\$ 50,000.00	2.29%
TOTAL	\$ 2,181,500.00	100.00%

2023 CIP Funding Sources

FUND	2023		CITY FUNDS					NON-CITY RESOURCES (DEBT SERVICE)						
	PROJECT TOTAL	% OF 2023	CURRENT RESOURCES	CAPITAL RESERVES	EQUIPMENT REPLACEMENT	TOTAL CITY FUNDS	% OF 2023	GRANTS	BOND ISSUES	STATE REVOLVING LOAN	AMERICAN RESCUE PLAN ACT	OTHER	TOTAL NON-CITY FUNDS	% OF 2023
ELECTRIC	15,000,894	44%	2,107,996	20,836	180,004	2,308,836	15%	521,000	-	-	-	12,171,058	12,692,058	85%
WATER	8,200,000	24%	119,000	224,000	25,000	368,000	4%	1,740,000	-	2,310,000	3,782,000	-	7,832,000	96%
SEWER	1,336,000	4%	-	75,000	-	75,000	6%	-	-	-	1,261,000	-	1,261,000	94%
STORMWATER	978,420	3%	90,000	543,420	45,000	678,420	69%	-	-	-	300,000	-	300,000	31%
PARKING	262,792	1%	62,792	200,000	-	262,792	0%	-	-	-	-	-	-	0%
MAINTENANCE	3,517,640	10%	210,000	7,640	-	217,640	6%	3,024,000	56,000	-	190,000	30,000	3,300,000	94%
TRANSPORTATION	-	0%	-	-	-	-	0%	-	-	-	-	-	-	0%
COMMUNITY DEVELOPMENT	25,000	0%	-	-	-	-	0%	25,000	-	-	-	-	25,000	100%
CAPITAL PROJECTS	4,457,307	13%	1,495,441	318,962	122,732	1,937,135	43%	563,802	-	-	1,686,370	270,000	2,520,172	57%
TOTALS:	\$ 33,778,053	100%	\$ 4,085,229	\$ 1,389,858	\$ 372,736	\$ 5,847,823	17%	\$ 5,873,802	\$ 56,000	\$ 2,310,000	\$ 7,219,370	\$ 12,471,058	\$ 27,930,230	83%

- 83% of the funding for the 2023 Capital Improvement Program is from non-City resources.
- 85% of Electric's capital program is funded via non-City funding.
- 94% of Maintenance projects are funded via non-City funds

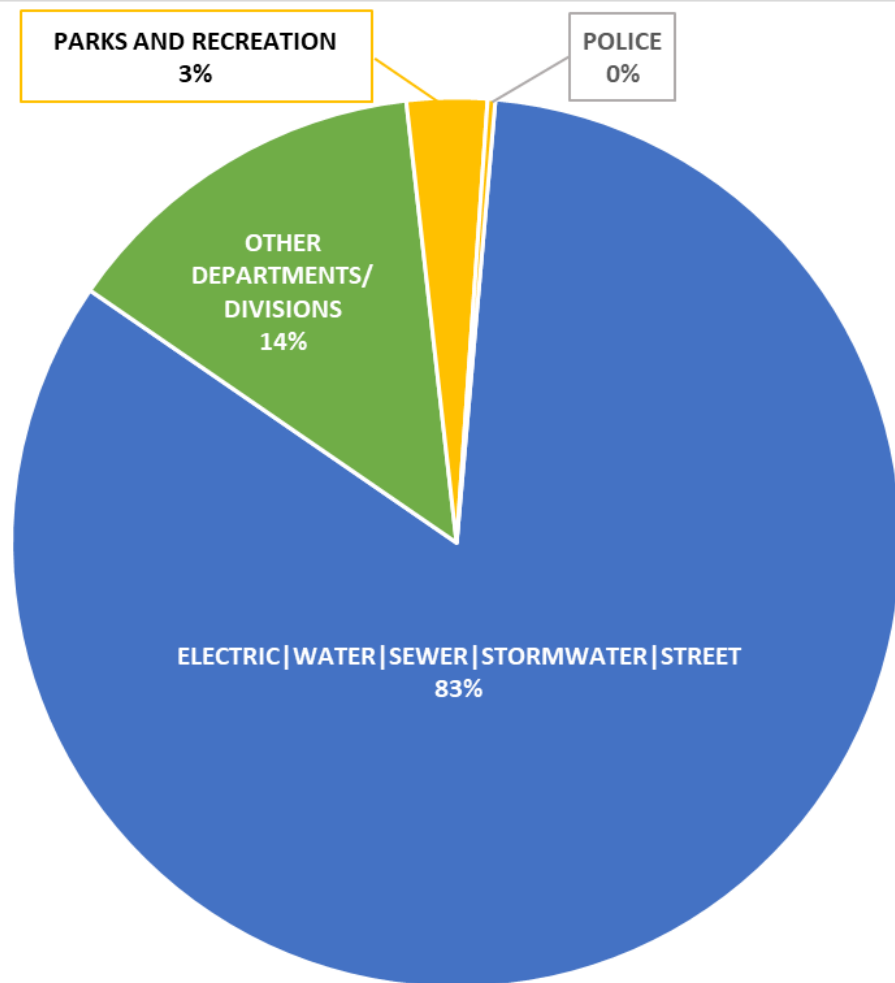
2023 Funding Sources for CIP



2023 FINANCING SOURCE	2023 BUDGET	% OF 2023
USE OF RESERVES	\$ 1,389,858	4%
VEHICLE & EQUIPMENT REPLACEMENT	372,736	1%
GRANTS	5,873,802	17%
BOND ISSUES	56,000	0%
STATE REVOLVING LOANS	2,310,000	7%
AMERICAN RESCUE PLAN ACT	7,219,370	21%
OTHER FINANCING SOURCES	12,471,058	37%
CURRENT RESOURCES	4,085,229	12%
TOTALS:	\$ 33,778,053	100%

2022 VS. 2023 FINANCING SOURCE	% OF 2022	% OF 2023
USE OF RESERVES	9%	4%
VEHICLE & EQUIPMENT REPLACEMENT	4%	1%
GRANTS	4%	17%
BOND ISSUES	2%	0%
STATE REVOLVING LOANS	20%	7%
AMERICAN RESCUE PLAN ACT	41%	21%
OTHER FINANCING SOURCES	2%	37%
CURRENT RESOURCES	18%	12%
TOTALS:	100%	100%

2023 Gross Capital Expenditures by Department



DEPARTMENT / DIVISION	2023 BUDGET	% OF 2023
ELECTRIC	\$ 15,000,894	44.4%
WATER	8,200,000	24.3%
STREET PROGRAM	2,590,243	7.7%
SEWER	1,336,000	4.0%
STORMWATER	978,420	2.9%
PARKS AND RECREATION	986,762	2.9%
PARKING	262,792	0.8%
INFORMATION TECHNOLOGY	201,570	0.6%
POLICE	92,732	0.3%
REFUSE	11,000	0.0%
OTHER DEPARTMENTS/DIVISIONS	4,117,640	12.2%

TOTALS:	\$ 33,778,053	100%
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DEPARTMENT / DIVISION	2023 BUDGET	% OF 2023
ELECTRIC WATER SEWER STORMWATER STREET	\$ 28,105,557	83.2%
OTHER DEPARTMENTS/DIVISIONS	4,593,002	13.6%
PARKS AND RECREATION	986,762	2.9%
POLICE	92,732	0.3%

TOTALS:	\$ 33,778,053	100%
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Capital Projects – Priority 1 Projects

PROJECT NUMBER	DEPARTMENT / DIVISION	FUND	PROJECT DESCRIPTION	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
				2023	2024	2025	2026	2027	
E2301	Electric	Electric	New Lines and Services	170,000	170,000	170,000	170,000	170,000	850,000
E1502	Electric	Electric	Underground Distribution - UD Star Campus	120,000	120,000	120,000	120,000	120,000	600,000
W1602	Water	Water	Roseville Park Pressure District	125,000	-	-	-	-	125,000
W0503	Water	Water	Well Restoration Program	150,000	100,000	-	-	-	250,000
W9308	Water	Water	Water Main Replacement Program	2,000,000	1,825,000	2,000,000	2,000,000	2,000,000	9,825,000
Q1301	Stormwater	Stormwater	Storm Drainage Improvements	525,000	550,000	550,000	550,000	600,000	2,775,000
Q0101	Stormwater	Stormwater	Stormwater Quality Improvements (NPDES Phase II Permit)	93,420	85,000	100,000	100,000	100,000	478,420
S0904	Sewer	Sewer	Sanitary Sewer Study and Repairs	1,061,000	850,000	1,050,000	1,050,000	1,000,000	5,011,000
C1601	Police	Capital Projects	Taser X26P Replacement	25,088	26,343	27,660	29,043	30,495	138,629
C1401	Police	Capital Projects	Ballistic Vests	7,644	15,736	12,738	32,211	12,964	81,293
*Includes Grant Funding				\$ 4,277,152	\$ 3,742,079	\$ 4,030,398	\$ 4,051,254	\$ 4,033,459	\$ 20,134,342

- Descriptions of the capital projects can be found within the 2023-2027 CIP on [Budget Central](#)

Capital Projects – Equipment

PROJECT NUMBER	DEPARTMENT / DIVISION	FUND	PROJECT DESCRIPTION	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					
				2023	2024	2025	2026	2027	TOTAL
EEQSF	Electric	Electric	Equipment Replacement Program	343,000	130,000	450,000	-	873,000	1,796,000
WEQSF	Water	Water	Equipment Replacement Program	25,000	-	35,000	135,000	65,000	260,000
QEQSF	Stormwater	Stormwater	Equipment Replacement Program	45,000	-	75,000	75,000	585,000	780,000
SEQSF	Sewer	Sewer	Equipment Replacement Program	-	350,000	-	-	-	350,000
REQSF	Refuse	Capital Projects	Equipment Replacement Program	-	-	-	300,000	-	300,000
HEQSF	Street	Capital Projects	Equipment Replacement Program	-	900,000	150,000	-	100,000	1,150,000
TEQSF	Engineering	Capital Projects	Equipment Replacement Program	-	35,000	50,000	-	65,000	150,000
MEQSF	Fleet Maintenance	Maintenance	Equipment Replacement Program	-	-	-	70,000	-	70,000
CEQSF	Police	Capital Projects	Equipment Replacement Program	-	65,000	130,000	322,000	375,000	892,000
KEQSF	Parks & Recreation	Capital Projects	Equipment Replacement Program	90,000	25,000	35,000	210,000	65,000	425,000
AEQSF	Management	Capital Projects	Equipment Replacement Program	-	35,000	-	-	-	35,000
BEQSF	Code Enforcement	Capital Projects	Equipment Replacement Program	-	-	-	-	-	-
UEQSF	Unicity Transportation	Transportation	Equipment Replacement Program	-	150,000	-	175,000	-	325,000
VEQSF	Parking	Parking	Equipment Replacement Program	-	70,000	-	60,000	52,000	182,000
NEQSF	Facilities Maintenance	Maintenance	Equipment Replacement Program	-	-	-	-	-	-
*Includes Grant Funding				\$ 503,000	\$ 1,760,000	\$ 925,000	\$ 1,347,000	\$ 2,180,000	\$ 6,715,000

- Descriptions of the capital projects can be found within the 2023-2027 CIP on [Budget Central](#)

Capital Projects – Priority 2 Projects

PROJECT NUMBER	DEPARTMENT / DIVISION	FUND	PROJECT DESCRIPTION	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					
				2023	2024	2025	2026	2027	TOTAL
E2302	Electric	Electric	Spacer Cable Replacement	170,000	170,000	125,000	125,000	-	590,000
E2303	Electric	Electric	Underground Cable Replacement	155,000	155,000	-	-	-	310,000
E2304	Electric	Electric	Meter Replacement	100,000	100,000	100,000	100,000	100,000	500,000
E2305	Electric	Electric	Tropos Mesh Network Replacement (Electric Portion)	600,000	-	-	-	-	600,000
E2002	Electric	Electric	New Substation	12,000,000	15,700,000	-	-	-	27,700,000
E1807	Electric	Electric	Relay Replacements - Kershaw Substation	200,000	-	-	-	-	200,000
W2304	Water	Water	Lead Water Service Line (LSL) Assessment and Remediation	50,000	1,000,000	1,000,000	1,000,000	1,000,000	4,050,000
W2305	Water	Water	Tropos Mesh Network Replacement (Water Portion)	200,000	-	-	-	-	200,000
W2204	Water	Water	Curtis WTP - Treatment Units 4/5 Rehabilitation	350,000	-	-	-	-	350,000
W2205	Water	Water	Curtis WTP - Raceway and Backwash Lagoon Rehabilitation	550,000	-	-	-	-	550,000
W2206	Water	Water	Emerging Contaminants WTP Upgrades	2,900,000	-	-	-	-	2,900,000
W2001	Water	Water	Newark Reservoir Upgrades	100,000	1,500,000	-	-	-	1,600,000
W1701	Water	Water	Valve Inspection, Exercising and Rehabilitation	175,000	100,000	100,000	100,000	100,000	575,000
W1702	Water	Water	Source Water Protection	50,000	25,000	25,000	25,000	25,000	150,000
W8605	Water	Water	Water Tank Maintenance	1,000,000	881,000	-	-	-	1,881,000
S2305	Sewer	Sewer	Tropos Mesh Network Replacement (Sewer Portion)	200,000	-	-	-	-	200,000
Q2301	Stormwater	Stormwater	Mini Excavator	15,000	15,000	15,000	15,000	15,000	75,000
Q2201	Stormwater	Stormwater	Outfall and City Owned SWM Facility Repair	300,000	400,000	-	-	-	700,000
H2301	Street	Capital Projects	Annual Street Program	1,761,302	1,775,000	2,125,000	2,125,000	2,375,000	10,161,302
H2302	Street	Capital Projects	ADA Accessibility Transition Plan	166,441	180,000	185,000	195,000	200,000	926,441
H2203	Street	Capital Projects	City Hall Parking Lot Rehabilitation	625,000	-	-	-	-	625,000
H1503	Street	Capital Projects	Newark Transportation Plan Implementation	37,500	70,000	70,000	95,000	95,000	367,500
K2203	Parks & Recreation	Capital Projects	Dickey and George Wilson Center Pool Resurfacing	20,000	-	-	-	-	20,000
K2004	Parks & Recreation	Capital Projects	Facilities Accessibility (ADA Compliance)	30,000	30,000	20,000	20,000	30,000	130,000
K1301	Parks & Recreation	Capital Projects	Hard Surface Facilities Improvements	154,000	202,000	177,000	197,000	300,000	1,030,000
K0908	Parks & Recreation	Capital Projects	Children's Play Equipment	56,000	60,000	40,000	56,000	60,000	272,000
B2201	Code Enforcement	Capital Projects	EnerGov Civic Services Software	600,000	300,000	-	-	-	900,000
V2302	Parking	Parking	Parking Lot Surface Maintenance	200,000	-	-	-	-	200,000
I2301	Information Technology	Capital Projects	Surveillance Camera Upgrade and Refresh	135,000	30,000	30,000	74,500	32,000	301,500
N2302	Facilities Maintenance	Maintenance	Municipal Center Master Plan	430,000	90,000	-	-	-	520,000
*Includes Grant Funding				\$23,330,243	\$22,783,000	\$ 4,012,000	\$ 4,127,500	\$ 4,332,000	\$ 58,584,743

- Descriptions of the capital projects can be found within the 2023-2027 CIP on [Budget Central](#)

Capital Projects – Priority 3 Projects

PROJECT NUMBER	DEPARTMENT / DIVISION	FUND	PROJECT DESCRIPTION	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					
				2023	2024	2025	2026	2027	TOTAL
E2202	Electric	Electric	Electric Warehouse	200,000	1,200,000	-	-	-	1,400,000
E2001	Electric	Electric	City Hall - Electric Vehicle Charging Station Wiring	592,894	-	-	-	-	592,894
E0503	Electric	Electric	SCADA and Automatic Switching	250,000	150,000	-	-	-	400,000
W2302	Water	Water	New Elevated Water Storage Tank	-	-	4,400,000	-	-	4,400,000
W2201	Water	Water	Water Facilities Security Improvements	100,000	-	-	-	-	100,000
W2203	Water	Water	Well and Wellhouse Facility Upgrades	-	300,000	-	-	-	300,000
W2102	Water	Water	Highfield Drive Booster Station Rehabilitation	300,000	-	-	-	-	300,000
W1601	Water	Water	Backup Generation at Water Facilities	125,000	125,000	125,000	-	-	375,000
W1503	Water	Water	Academy Street Interconnection Pump Station	-	300,000	-	-	-	300,000
S2201	Sewer	Sewer	FOG Program Development	75,000	75,000	-	-	-	150,000
R2201	Refuse	Capital Projects	Roll Off Dumpster Purchase	11,000	24,000	-	-	-	35,000
H1903	Street	Capital Projects	Skid Steer Purchase	-	75,000	-	-	-	75,000
K2302	Parks & Recreation	Capital Projects	Ash Tree Removal/Management	100,000	50,000	-	-	-	150,000
K2202	Parks & Recreation	Capital Projects	Dickey Park Improvements	67,500	382,500	-	-	-	450,000
V2301	Parking	Parking	Third Vehicle-Mounted License Plate Recognition Device and Warranty	62,792	5,639	5,809	5,984	6,164	86,388
N2301	Facilities Maintenance	Maintenance	George Wilson Community Center Master Plan	595,000	-	-	-	-	595,000
N2303	Facilities Maintenance	Maintenance	Field Operations Complex Administrative Building	-	825,000	4,000,000	1,500,000	-	6,325,000
N1809	Facilities Maintenance	Maintenance	Historic Newark Train Station Master Plan	-	500,000	200,000	-	-	700,000
*Includes Grant Funding				\$ 2,479,186	\$ 4,012,139	\$ 8,730,809	\$ 1,505,984	\$ 6,164	\$ 16,734,282

- Descriptions of the capital projects can be found within the 2023-2027 CIP on [Budget Central](#)

Capital Projects – Priority 4 Projects

PROJECT NUMBER	DEPARTMENT / DIVISION	FUND	PROJECT DESCRIPTION	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					
				2023	2024	2025	2026	2027	TOTAL
E1911	Electric	Electric	35kV Line 3402 Capacity Upgrade	-	300,000	300,000	-	-	600,000
W2303	Water	Water	Water Main Conditions Assessment	-	800,000	820,000	840,000	-	2,460,000
C1903	Police	Capital Projects	NPD Ethernet Rewiring Project	60,000	-	-	-	-	60,000
K2305	Parks & Recreation	Capital Projects	George Read Park	-	-	-	-	100,000	100,000
K2201	Parks & Recreation	Capital Projects	Kubota Mule	-	15,500	-	-	-	15,500
K2205	Parks & Recreation	Capital Projects	George Wilson Center School Hill History Display	19,262	-	-	-	-	19,262
K2207	Parks & Recreation	Capital Projects	Olan Thomas and Kershaw Park Improvements	420,000	-	-	-	-	420,000
K2003	Parks & Recreation	Capital Projects	Handloff Park Trail	-	200,000	-	-	-	200,000
K1605	Parks & Recreation	Capital Projects	Redd Park Trail Improvements	-	32,000	30,000	-	-	62,000
K1501	Parks & Recreation	Capital Projects	Iron Glen Park Master Plan	-	-	50,000	-	-	50,000
I2202	Information Technology	Capital Projects	Remote Access System	48,870	48,871	-	-	-	97,741
I1902	Information Technology	Capital Projects	Tyler Technologies Cash Management Module	17,700	-	-	-	-	17,700
N2203	Facilities Maintenance	Maintenance	Energy Savings Project Round II	2,181,500	-	-	-	-	2,181,500
N1806	Facilities Maintenance	Maintenance	FOC - Master Plan	311,140	-	-	-	-	311,140
*Includes Grant Funding				\$ 3,058,472	\$ 1,396,371	\$ 1,200,000	\$ 840,000	\$ 100,000	\$ 6,594,843

- Descriptions of the capital projects can be found within the 2023-2027 CIP on [Budget Central](#)

Capital Projects – Priority 5 Projects

PROJECT NUMBER	DEPARTMENT / DIVISION	FUND	PROJECT DESCRIPTION	FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM RECOMMENDED FUNDING					TOTAL
				2023	2024	2025	2026	2027	
E1810	Electric	Electric	Lightning Arrestor Replacement	100,000	100,000	-	-	-	200,000
K2301	Parks & Recreation	Capital Projects	Hidden Valley Park Pavilion and ADA sidewalk	-	-	-	-	50,000	50,000
K2303	Parks & Recreation	Capital Projects	Tree Pit Installations (Main Street)	30,000	30,000	30,000	30,000	30,000	150,000
K2206	Parks & Recreation	Capital Projects	Wi-Fi in Parks	-	-	53,713	-	-	53,713
A2301	Management	Capital Projects	Main Street and City Hall Holiday Lighting Enhancement	-	50,000	50,000	50,000	50,000	200,000
				\$ 130,000	\$ 180,000	\$ 133,713	\$ 80,000	\$ 130,000	\$ 653,713

- Descriptions of the capital projects can be found within the 2023-2027 CIP on [Budget Central](#)

Conclusion / Questions

