

CAPITAL IMPROVEMENTS PLAN FISCAL YEARS 2023 to 2028



11/7/2022

CITY OF WYANDOTTE, MICHIGAN

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CAPITAL IMPROVEMENTS PLAN

OVERVIEW

The City of Wyandotte's Capital Improvements Plan (CIP) outlines a schedule of public service expenditures over the ensuing six-year period (Fiscal Years 2023-2028). The CIP does not address all of the capital expenditures for the city, but for large, physical improvements that are permanent in nature, including basic facilities, services and installations needed for the functioning of the community. These include transportation systems, utilities, infrastructure, municipal facilities and other miscellaneous projects.

To qualify for inclusion in the CIP, a project must:

1. Constitute permanent, physical or system improvements greater than or equal to \$50,000.00;
2. A program of projects whose total is \$50,000.00 (playgrounds, neighborhood parks);
3. Significant equipment purchases in excess of \$50,000.00 with a useful life of at least ten years;
4. A study of at least \$50,000.00 that will lead to such projects

Projects which are considered operational or routine maintenance are excluded from the CIP.

What are Capital Improvement Projects?

Capital improvement projects are major and infrequent expenditures, such as the construction of a new facility, a major rehabilitation or repair of an existing facility, or the purchase of major equipment. Capital improvement projects are non-recurring expenditures that tend to be large both in physical size and in cost, and have a long-term usefulness (10 years or more).

Examples of capital improvement projects can include:

- Renovation/construction of new city hall
- Construction of a new fire station
- Extension of a water/sewer line
- Purchase of a new fire truck

- Major rehabilitation of a city-owned building
- Creation of a new city park

Examples of expenditures which would not usually constitute a capital improvement project include:

- Purchase of new office furniture or computers
- Purchase of small equipment (lawn mowers, copiers, individual computers, etc.)
- Recurring maintenance of existing facilities
- Minor repairs of existing buildings and equipment
- Minor improvements to existing buildings (carpet, painting, etc.)

What are the benefits of preparing a CIP?

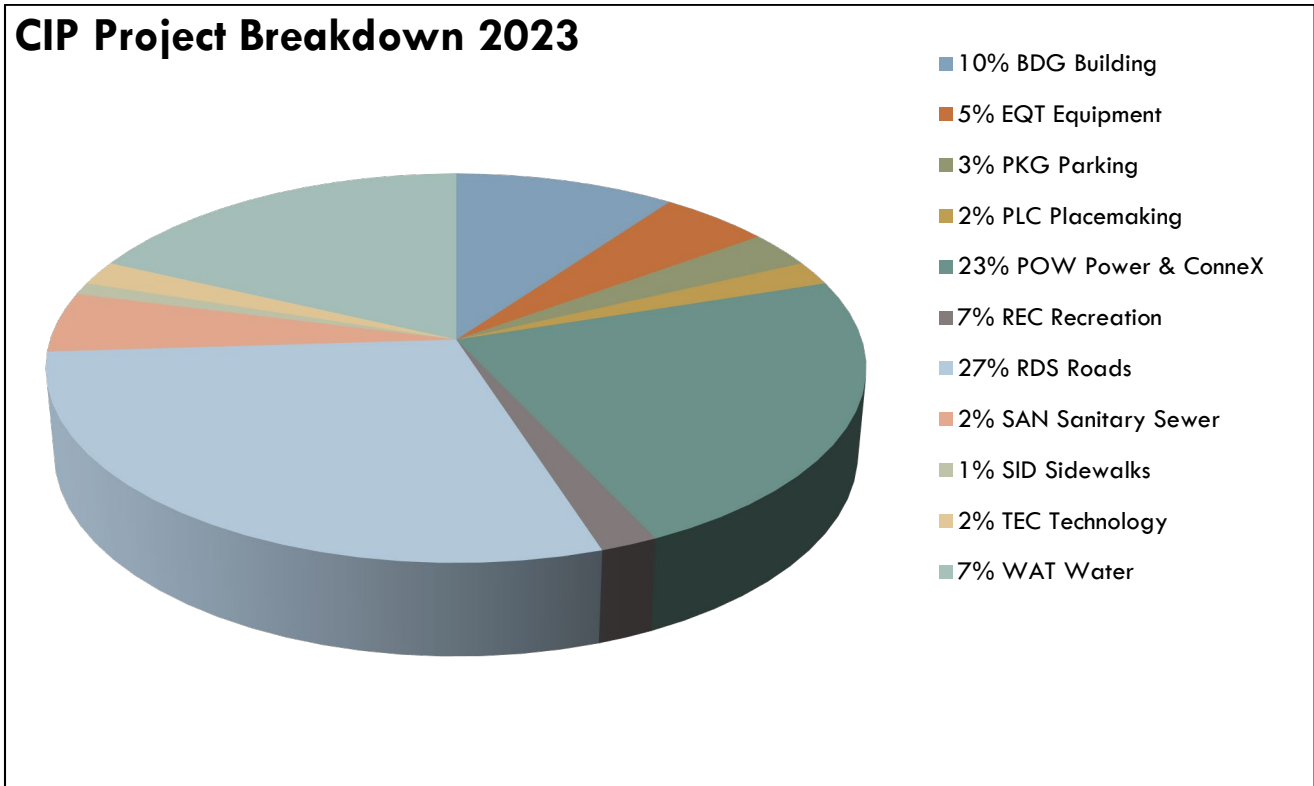
The CIP is more than just a state requirement; it is an essential planning tool in addition to a statement of budgetary policy. It informs the taxpayers of Wyandotte how the city plans to prioritize, schedule, and coordinate capital improvement projects over the next six years. The benefits of creating and annually updating the CIP include:

- Prudent use of taxpayer dollars
- Focusing the city expenditures on the needs of the community
- Prioritizing projects across the needs of the community
- Generating community support by inviting public input
- Promoting economic development
- Improving the city's eligibility for State and Federal grants
- Providing an implementation tool for the goals and objectives of the City's Master Plan
- Transparency in identification of high-priority projects
- Coordination/cost-sharing between projects

Preparation of the Capital Improvements Plan is done under the authority of the Municipal Planning Commission Act (Act 33 of the Public Acts of 2008). It is the City of Wyandotte's goal that the CIP be used as a tool to implement the City Master Plan and assist in the City's financial planning. The Capital Improvements Plan proposes project funding relative to the anticipated availability of fiscal resources and the choice of specific improvements to be achieved throughout a six-year period. The first two years of the Capital Improvements Plan serve as the basis for establishing the City's Capital Projects Budget (CPB), programming the implementation of the planned projects for the upcoming two fiscal years. The CIP and CPB make up the City's Capital Improvements Program.

A total of 55 projects are included in the 2023 CIP with one-year funding of \$12,239,300.00 and six-year funding need for fiscal year FY2023 - FY2028 of \$132,340,120.00.

The spreadsheet in Appendix 'A' includes a summary of projects for FY2023. The pie chart on the following page illustrates a breakdown of CIP Projects for FY2023.



The spreadsheet in Appendix 'A' outlines a summary of Capital Improvement projects for the Fiscal Years 2023 to 2028.

The spreadsheet in Appendix 'B' outlines a detailed summary of Capital Improvement projects for the Fiscal Year 2023.

EXISTING CAPITAL FACILITIES

CITY-OWNED BUILDINGS

In developing a Capital Improvements Plan, communities often find it essential to develop an inventory of their existing capital facilities. Before a community develops a list of ‘What we need’, it is important to first look at ‘What we have’. The following is a summary of the City of Wyandotte’s major capital facilities and their current condition (where applicable), as determined by the directors of the respective departments.



Wyandotte City Hall
3200 Biddle Avenue

Houses: Mayor and City Council, Council Chambers, City Administration, Engineering & Building, Assessor, City Clerk, Customer Service Center, Municipal Services Administration, Cable Television.
Extent of Use: Heavy



27th District Court & Police Station
2015 Biddle Avenue

Houses: 27th District Court, Police Station
Extent of Use: Heavy



Central Fire Station #1
266 Maple Street

Houses: Fire Station, Fire Chief Offices
Extent of Use: Heavy



Fire Station #2
1093 Ford Avenue
Houses: Fire Station
Extent of Use: Heavy



Benjamin F. Yack Arena
3131 Third Street
Houses: Yack Ice Arena & multipurpose facility, Recreation Dept. Offices
Extent of Use: Heavy



Wyandotte Museum (Ford MacNichol Home)
2610 Biddle Avenue
Houses: Wyandotte Museum & Archives
Extent of Use: Light



Wyandotte Museum Offices (Burns Home)
2624 Biddle Avenue
Houses: Wyandotte Museum Offices & Archives, Special Event Offices,
Historical Society Offices
Extent of Use: Moderate



Historic Marx Home
2630 Biddle Avenue

Houses: Wyandotte Museums meeting rooms & Granzier + Blankenship Law Firm
Extent of Use: Light



Old Timer's Log Cabin
Van Alstyne

Houses: Rental Space for parties
Extent of Use: Light



James R. DeSana Center for Arts & Culture
81 Chestnut

Houses: Downriver Council for the Arts
Extent of Use: Moderate



Wyandotte Shores Golf Course
3625 Biddle Avenue

Houses: Golf Course, Club House
Extent of Use: Light



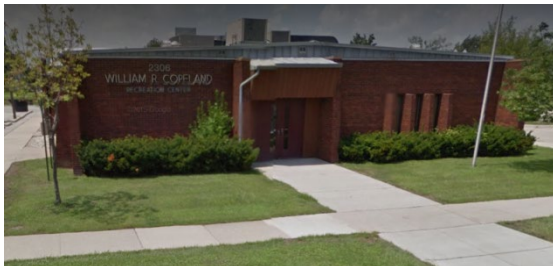
Wyandotte Animal Pound & Recycling Center
1170 Grove Street

Houses: Animal Pound, Animal Adoption, Recycling Center
Extent of Use: Moderate



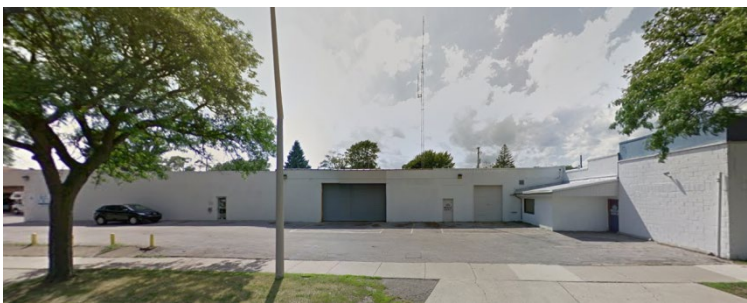
Department of Public Services
4201 13th Street

Houses: DPS Offices, Vehicles, City Dump
Extent of Use: Heavy



Copeland Senior Center
2306 4th Street

Houses: Senior Center
Extent of Use: Moderate



Recreation Maintenance Garage
1100 Biddle Avenue

Houses: Storage for senior vehicles & equipment, parks equipment & museums archive and storage
Extent of Use: High

WYANDOTTE MUNICIPAL SERVICES BUILDINGS & FACILITIES

Wyandotte Municipal Services (WMS) is a community-owned, not-for-profit services provider, created by local residents more than a century ago to provide high quality, affordable services tailored to meet the demands of Wyandotte's consumers. WMS also offers water, phone, internet and cable television services. WMS owns and operates the following buildings, equipment and property:



Water Department Offices & Pump Station, 2555 Van Alstyne

Water Department High- and Low-Pressure Pump, 2555 Van Alstyne

Water Department Filter Buildings, 2555 Van Alstyne

Water Department Garage, 2555 Van Alstyne

Electrical Main Substation, 2555 Van Alstyne

Electrical Power Plant Screen House, 2555 Van Alstyne

Electrical Power Plant, 2555 Van Alstyne

Electrical Storage Building/Trailer, 2555 Van Alstyne

Water Tower, 3575 11th Street

Electrical Substation #6, 3575 11th Street

Electric Office/Garage/Staging, 3575 11th Street

Electric/Cable Storeroom, 3601 11th Street

Electrical Substation #7, 810 Electric Avenue

Electrical Substation #8, Vassar Street

WC Pumping Station, Pine & River

Capital Improvements Plan

Grove Street Substation, Grove Street

Substation #5, Vinewood & Van Alstyne

Cable Headend/IT Server, 3003-3005 Biddle Avenue – old

Cable Headend/IT Server, 3665 11th Street - new

Substation #9, 325 Clark Street

Diesel Generators, North of Power Plant and Power Plant

Steam Line, Between Power Plant and BASF Property

Water Department Offices & Garage/Staging, 1771 6th Street

PARKS & RECREATIONAL FACILITIES



BASF Waterfront Park, Biddle Avenue South of Eureka

Bishop Park, Van Alstyne

Exchange Park, 2nd Street & Felice

F.O.P. Park, 8th & Bondie

K of C Tot Lot, McKinley & Davis

Jaycees Park, 4th Street & Mulberry

Kiwanis Club Park, 6th Street & North Drive

Memorial Park, 20th Street & Ludington

Oak Club Park, 20th Street & Vinewood

Rotary Park, 3rd Street & Maple

Capital Improvements Plan

P.A.C. Club Park, 6th & Alkali

Pulaski Park, 12th Street & Oxford Court

VFW Park, 11th Street & Cherry

Wyandotte Athletic Association Park, Alfred & Highland Park

Wyandotte Lions Club Park, Vinewood & 9th Street

Wyandotte Skate Park, 20th and Grove Streets

FUNDING ISSUES AND SOURCES

As is often the case with governmental agencies, the total funding need identified in the CIP exceeds the available funding. There are projects contained in this CIP that do not have an established, secure source of funding at this time. Projects in the first two years of the CIP form the basis for the City's Capital Budget and generally require secure funding. That funding may include specific limited General Fund requests. Some higher priority unfunded projects (generally anticipated to be funded via grants or outside funding) are included in years 1 or 2 of the plan in the event funding is obtained and the projects can then be implemented.

GENERAL FUNDED VS. ALTERNATIVELY FUNDED PROJECTS

Of the \$132,340,120.00 needed to fund all of the FY2023–2028 CIP program, monies for particular projects may come in part or in whole from discretionary fund sources outside the City's General Fund. Such dollars are included in totals shown because they fund improvements to assets which belong to the City, will become so upon project completion, or are part of an intergovernmental or interagency project in which the City is a participant. Discretionary funds are defined here as those which require specific application to obtain or which come from other non-City sources at the discretion of others. Certain projects may receive funding from non-city sources which the City receives by formula and so are not considered discretionary. Project funding sources are identified in the Master CIP spreadsheet.

PRIORITIZATION OF PROJECTS

The initial task for the City of Wyandotte Department Heads is to generate a list of identified capital needs (identification of projects). The next, and most critical process component, is rating the relative merits of each project (prioritization). This crucial step, while constrained by the amount of funding anticipated to be available for capital projects and timing of availability of funds when more than one asset category is involved in a project, nonetheless provides invaluable information in the CIP plan decision-making process. Shrinking funds and rising costs incurred in maintaining and rehabilitating deteriorating infrastructure make the process of selecting the most vital capital projects even more crucial and difficult. The merits of each identified capital need must be judged against the policies and criteria of the CIP process and the goals of each component of the master plan, as well as against the other competing needs in that particular asset category. Prioritization of CIP projects is identified in the Master CIP spreadsheet.

COMMUNITY INPUT AND INFORMATION SHARING

As the City's focus on community engagement efforts identified in the Public Participation Plan, many new capital improvement projects are being generated from such interactions. The City of Wyandotte engages in infrastructure related planning and evaluative studies that have involved citizen advisory groups and/or community-wide engagement efforts. The results of such studies have begun to generate capital improvement projects which were heavily driven by such citizen

input. Resident requests on specific topics have also initiated a number of capital improvement projects.

CIP CLASSIFICATIONS

CIP Prefix	CIP Category
BDG	Buildings and Property
EQT	Equipment
RDS	Roads
REC	Parks & Recreation
PKG	Parking Lots
PLC	Placemaking/Beautification
POW	Power & ConneX
SID	Sidewalks & Pathways
TECH	Technology
WAT	Utilities: Water

CIP EVALUATION

The City's Capital Improvements Plan (CIP) is reviewed on an annual basis. The City Administrator will be responsible for keeping track of this review and will be responsible for compiling the CIP efforts of the various City Departments. This will create a continuous review process which will enable City officials to successfully keep track of service expenditures over the ensuing six-year period.

CAPITAL IMPROVEMENTS PROGRAM

2023-2028 PROJECT SUMMARY

CIP NUMBER AND PROJECT NAME	DEPARTMENT	FUND	PRIORITY	TOTAL COST	CURRENT	PROJECTED		FORECAST			
					FY 2023 COST	FY 2024 COST	FY 2025 COST	FY 2026 COST	FY 2027 COST	FY 2028 COST	
Buildings and Property											
BDG1000	1100 Biddle Avenue: Roof replacement	Engineering	General	Medium	\$ 175,000.00		\$ 75,000.00			\$ 100,000.00	
BDG1102	3200 Biddle Avenue: Generator	Engineering	General	Medium	\$ 330,000.00				\$ 330,000.00		
BDG1103	3200 Biddle Avenue: HVAC	Engineering	Building rental fund	Medium	\$ 480,000.00			\$ 480,000.00			
BDG1104	3200 Biddle Avenue: Roof	Engineering	General/Bldg. rental fund	Medium	\$ 467,500.00			\$ 467,500.00			
BDG1300	4201 13th Street: Roof replacement	Engineering	General	Medium	\$ 800,000.00				\$ 800,000.00		
BDG1301	4201 13th Street: Renovations for DPS storage	Engineering	General/TIFA	Low	\$ 450,000.00				\$ 450,000.00		
BDG1400	1093 Ford Avenue: Fire station roof replacement	Engineering	General	High	\$ 125,000.00		\$ 125,000.00				
BDG1500	81 Chestnut: Renovation	Engineering	DDA, bonds, grants, General	High	\$ 2,175,000.00		\$ 75,000.00	\$ 100,000.00	\$ 1,000,000.00	\$ 1,000,000.00	
BDG1600	2015 Biddle Avenue: 27th District Police & Court - security	Engineering	General Fund/TIFA	High	\$ 80,000.00	\$ 80,000.00					
BDG1610	2015 Biddle Avenue: 27th District Police & Court - security	Engineering	General/TIFA	High	\$ 175,000.00	\$ 175,000.00					
BDG1700	3131 Third Street: Yack Area Roof	Engineering	General	Medium	\$ 1,400,000.00		\$ 1,400,000.00				
BDG1900	3662 11th Street - Cable Building Improvements	WMS	General	High	\$ 50,000.00		\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
BDG1901	3665 11th Street - Headend, IT Server room, electric/cable garage	WMS	General	High	\$ 879,100.00	\$ 879,100.00					
BDG1902	Substation 6 - New 13.8 kv indoor switchgear building	WMS	General	High	\$ 50,000.00	\$ 50,000.00					
					\$ -						
					\$ 7,636,600.00	\$ 1,184,100.00	\$ 1,685,000.00	\$ 1,057,500.00	\$ 2,590,000.00	\$ 1,110,000.00	\$ 10,000.00

Equipment											
EQT1400	DPS: Dump/snow plow truck	DPS	General	Medium	\$ 270,000.00		\$ 270,000.00				
EQT1600	Cardiac Monitors	Fire Department	Grant	High	\$ 50,000.00	\$ 50,000.00					
EQT1700	Ambulance	Fire Department	General	High	\$ 240,000.00			\$ 240,000.00			
EQT1800	Replacement of Apparatus power tools/small	Fire Department	General, grant	High	\$ 75,000.00	\$ 75,000.00					
EQT2200	Vehicles - electric	WMS	General	Medium	\$ 100,000.00	\$ 100,000.00					
EQT2300	Police Vehicles	Police Department	General	Medium	\$ 1,060,000.00	\$ 160,000.00	\$ 160,000.00	\$ 170,000.00	\$ 180,000.00	\$ 190,000.00	\$ 200,000.00
EQT2400	Cable Vehicle Replacement	WMS	General	High	\$ 370,000.00	\$ 75,000.00	\$ 125,000.00	\$ 35,000.00	\$ 35,000.00	\$ 65,000.00	\$ 35,000.00
EQT2500	Water Vehicle Replacement	WMS	General	High	\$ 625,000.00	\$ 50,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00	\$ 300,000.00
EQT2600	Engineering Vehicle Replacement	Engineering	General	High	\$ 35,000.00	\$ 35,000.00					
EQT2800	DPS Sewer Camera	Engineering	General	High	\$ 15,000.00	\$ 15,000.00					
EQT2900	DPS Snow Plow Replacement	Engineering	General	High	\$ 18,000.00	\$ 18,000.00					

CIP NUMBER AND PROJECT NAME	DEPARTMENT	FUND	PRIORITY	TOTAL COST	CURRENT	PROJECTED		FORECAST			
					FY 2023 COST	FY 2024 COST	FY 2025 COST	FY 2026 COST	FY 2027 COST	FY 2028 COST	
				\$ -							
				\$ 2,858,000.00	\$ 578,000.00	\$ 630,000.00	\$ 495,000.00	\$ 265,000.00	\$ 355,000.00	\$ 535,000.00	

Parking Lots

PKG1000	Parking lots within the DDA District	Engineering	DDA	High	\$ 480,000.00	\$ 300,000.00	\$ 30,000.00		\$ 150,000.00		
PKG1100	Parking lots outside the DDA District	Engineering	General	Medium	\$ 215,000.00	\$ 125,000.00	\$ 20,000.00	\$ 70,000.00			
PKG1200	Downtown Parking Garage	DDA	DDA	Medium	\$ 15,000,000.00		\$ 5,000,000.00	\$ 5,000,000.00	\$ 5,000,000.00		
PKG1300	City Hall Parking Lot Improvements	Engineering	Building rental fund	High	\$ 100,000.00		\$ 50,000.00	\$ 50,000.00			
					\$ 15,795,000.00	\$ 425,000.00	\$ 5,100,000.00	\$ 5,120,000.00	\$ 5,150,000.00	\$ -	\$ -

Placemaking/Beautification

PLC1200	Downtown Greenway	DDA rev bonds, grants, Brownfield TIF	DDA	High	\$ 12,200,000.00	\$ 300,000.00	\$ 5,600,000.00	\$ 6,300,000.00			
PLC1300	Downtown Trees & Landscaping	DDA, gen fund, WSAF fund balance	DDA	High	\$ 60,000.00		\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
					\$ 12,260,000.00	\$ 300,000.00	\$ 5,600,000.00	\$ 6,315,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00

Power & ConneX

POW1100	Fiber System & Headend	WMS	General	High	\$ 630,000.00	\$ 630,000.00					
POW1200	MobiTV App Based TV - Servers, Integration, Transcoding	WMS	General	Medium	\$ 280,000.00	\$ 20,000.00	\$ 20,000.00	\$ 30,000.00	\$ 150,000.00	\$ 30,000.00	\$ 30,000.00
POW1300	Digital Receivers	WMS	General	High	\$ 180,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
POW1400	Engineering projects - electric	WMS	General	Medium	\$ 570,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 70,000.00
POW1500	Cable Head End equipment	WMS	General	High	\$ 125,000.00		\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
POW1600	MDU - Residential commercial building service drop rewires	WMS	General	High	\$ 60,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
POW1700	Fiber Modems - FTTH ONU & ONT	WMS	General, PEG	Medium	\$ 190,000.00	\$ 20,000.00	\$ 25,000.00	\$ 30,000.00	\$ 35,000.00	\$ 40,000.00	\$ 40,000.00
POW1800	Bailey Controls - Balance of Plant (BOP)	WMS	Bond Issue	High	\$ 160,000.00	\$ 80,000.00	\$ 80,000.00				
POW1900	VOD Upgrade	WMS	General	High	\$ 180,000.00	\$ 60,000.00		\$ 60,000.00		\$ 60,000.00	
POW2000	Power plant security wall around 69kv switch yard	WMS	General	High	\$ 775,000.00	\$ 25,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
POW2100	Sub 9 - New Distribution Transfer	WMS	General	High	\$ 478,000.00		\$ 478,000.00				
POW2200	Capitalized engineering	WMS	General	Low	\$ 180,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
POW2300	GIS, SCADIA and OMS	WMS	General	High	\$ 1,000,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	
POW2600	Security Wall - 69kv Switch Yard	WMS	General	High	\$ 175,000.00	\$ 175,000.00					
POW2601	Sub 10 69k Cable Upgrades	WMS	General	High	\$ 200,000.00	\$ 200,000.00					
POW2800	Substation 6 - New 13.8 kv indoor switchgear/building	WMS	General	High	\$ 50,000.00	\$ 50,000.00					
POW3100	T & D Construction	WMS	General	High	\$ 4,800,000.00	\$ 800,000.00	\$ 800,000.00	\$ 800,000.00	\$ 800,000.00	\$ 800,000.00	\$ 800,000.00
POW3300	PI Data Server	WMS	General	High	\$ 40,000.00	\$ 40,000.00					

CIP NUMBER AND PROJECT NAME	DEPARTMENT	FUND	PRIORITY	TOTAL COST	CURRENT	PROJECTED		FORECAST			
					FY 2023 COST	FY 2024 COST	FY 2025 COST	FY 2026 COST	FY 2027 COST	FY 2028 COST	
POW3500	Downtown electricity	DDA	DDA, General	Medium	\$ 1,200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
POW3600	Downtown Pedestrian Streetlights	DDA	DDA, Gen, Fund Bal, WSAF	High	\$ 60,000.00		\$ 30,000.00	\$ 30,000.00			
POW3700	PLC (Control) Processors	WMS	General	Medium	\$ 90,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00			
POW3800	Power Plant - Natural Gas (RICE) Engine Peaking Units	WMS	Fut. Bond Issue, MPPA Project	High	\$ 21,100,000.00	\$ 100,000.00				\$ 10,000,000.00	\$ 11,000,000.00
POW3900	FD Fan - Package Boilers	WMS	General	High	\$ 13,000.00	\$ 13,000.00					
POW4000	EV Charging stations	WMS	Bond, General	Medium	\$ 455,320.00		\$ 455,320.00				
POW4100	Diesel Engine Control & Switchgear upgrade	WMS	General	High	\$ 350,000.00	\$ 350,000.00					
POW4200	Video Streaming CPE	WMS	EO	High	\$ 21,000.00	\$ 21,000.00					
					\$ 32,991,320.00	\$ 2,803,000.00	\$ 2,653,320.00	\$ 1,715,000.00	\$ 1,740,000.00	\$ 11,685,000.00	\$ 12,395,000.00

Recreation & Parks

REC1200	Permanent playground surfacing	Recreation	General/Grant	Low	\$ 425,000.00	\$ 125,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
REC1600	Pulaski Park: Tennis Courts	Recreation	TIFA	Low	\$ 150,000.00	\$ 150,000.00					
REC1700	FOP: Pickleball Courts	Recreation	Grant/TIFA	High	\$ 30,000.00	\$ 30,000.00					
					\$ -						
					\$ 605,000.00	\$ 305,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00

Roads

RDS1100	City Street Improvements	Engineering	Major/TIFA local	High	\$ 45,446,000.00	\$ 3,446,000.00	\$ 8,000,000.00	\$ 8,000,000.00	\$ 8,500,000.00	\$ 8,500,000.00	\$ 9,000,000.00
RDS1100	Alley Improvements	Engineering	Special Assessment Fund	High	\$ 1,414,000.00	\$ 114,000.00	\$ 260,000.00	\$ 260,000.00	\$ 260,000.00	\$ 260,000.00	\$ 260,000.00
					\$ -						
					\$ 46,860,000.00	\$ 3,560,000.00	\$ 8,260,000.00	\$ 8,260,000.00	\$ 8,760,000.00	\$ 8,760,000.00	\$ 9,260,000.00

Sanitary Sewer

SAN1000	City Sewer Improvements	Engineering	Sewer Fund/Maint/TIFA	High	\$ 3,600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00
					\$ -						
					\$ 3,600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00

Sidewalks

SID1000	Sidewalks	Engineering	Special Assessment Fund	Medium	\$ 1,150,000.00	\$ 150,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
					\$ -						
					\$ 1,150,000.00	\$ 150,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00

Technology

CIP NUMBER AND PROJECT NAME	DEPARTMENT	FUND	PRIORITY	TOTAL COST	CURRENT	PROJECTED		FORECAST				
					FY 2023 COST	FY 2024 COST	FY 2025 COST	FY 2026 COST	FY 2027 COST	FY 2028 COST		
TEC1000	Capitalized IT projects	WMS	Bond	High	\$ 324,200.00	\$ 174,200.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00			
TEC1100	DPS CCTV Software	DPS	General	High	\$ 15,000.00	\$ 15,000.00						
					\$ -							
					\$ 339,200.00	\$ 189,200.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ -

Water Distribution

WAT1000	Advanced Metering Infrastructure (AMI)	WMS	General	High	\$ 1,005,000.00	\$ 605,000.00	\$ 200,000.00	\$ 200,000.00				
WAT1100	Valve Program	WMS	General	High	\$ 90,000.00	\$ 90,000.00						
WAT1200	Replace Chlorine Delivery System & Tanks	WMS	General	High	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00					
WAT1300	Rebuild Raw Intake Traveling Screen	WMS	General	High	\$ 50,000.00	\$ 50,000.00						
WAT1600	Rebuild High/Low Service Pump & Motor	WMS	General	High	\$ 300,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
WAT1700	Service Line Replacement	WMS	General	High	\$ 2,400,000.00	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00
WAT1800	Water Main Replacement	WMS	General/TIFA	High	\$ 3,800,000.00	\$ 800,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00	\$ 600,000.00
WAT2100	Water Meter Replacement	WMS	General	High	\$ 450,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
					\$ 8,245,000.00	\$ 2,145,000.00	\$ 1,400,000.00	\$ 1,325,000.00	\$ 1,125,000.00	\$ 1,125,000.00	\$ 1,125,000.00	\$ 1,125,000.00

TOTALS BY YEAR	\$ 132,340,120.00	\$ 12,239,300.00	\$ 26,238,320.00	\$ 25,197,500.00	\$ 20,555,000.00	\$ 23,910,000.00	\$ 24,200,000.00
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CAPITAL IMPROVEMENTS PROGRAM

FY 2023 PROJECTS

CIP NUMBER	PROJECT NAME	DEPARTMENT	FUND	PRIORITY	FY 2023 COST
BDG: Buildings & Property					
BDG1600	2015 Biddle Avenue: 27th District Police & Court - security	Engineering	General Fund/TIFA	High	\$ 80,000.00
Install bullet proof glass on jury room and Judges Chambers/Office, north side of building.					
BDG1610	2015 Biddle Avenue: 27th District Police & Court - security	Engineering	General/TIFA	High	\$ 175,000.00
Security/decorative security fence would encompass the police/court vehicle and employee parking areas. In addition, security gates need to be installed for entrance and exit.					
BDG1901	3665 11th Street - Headend, IT Server room, electric/cable garage	WMS	General	High	\$ 879,100.00
Renovation of 3665 11th street for new Cable Headend, IT Server room, garage, storage and office space. Split 50/50, Electric and Cable. Delays due to supply chain.					
BDG1902	Substation 6 - New 13.8 kv Indoor switchgear building	WMS	General	High	\$ 50,000.00
Substation 6 - New 13.8 kv Indoor switchgear building					
EQT: Equipment					
EQT1400	DPS: Dump/snow plow truck	DPS	General	Medium □	
Replace dump trucks with plows for snow removal and ice control. Replace 2 trucks at \$135,000 each over the next 2 years. Replacing 1999, 2002, 2005, dump trucks (parts are no longer available for these model trucks).					
EQT1600	Cardiac Monitors	Fire Department	Grant	High	\$ 50,000.00
Purchase of a cardiac monitor would outfit 1st due engine to be advanced life support equipped.					
EQT1800	Replacement of Apparatus power tools/small	Fire Department	General, grant	High	\$ 75,000.00
Small engine and extrication equipment is approaching 20 years of service. Equipment is nearing end of life status, and unserviceable. Battery operated versions would be appreciated.					
EQT2200	Vehicles - electric	WMS	General	Medium	\$ 100,000.00
Purchase two new supervisor trucks and pass current supervisor trucks (714, 724) down to customer service along with 719.					
EQT2300	Police Vehicles	Police Department	General	Medium	\$ 160,000.00
Purchase of four vehicles for 2023 and the purchase of three vehicles per year for the following five years. This includes changeover, taking into account vehicle design changes and vehicle cost due to inflation.					
EQT2400	Cable Vehicle Replacement	WMS	General	High	\$ 75,000.00
Systematic replacement of cable department vehicles at end of life.					
EQT2500	Water Vehicle Replacement	WMS	General	High	\$ 50,000.00
Various vehicles replaced under systematic replacement plan as vehicles exceed useful life.					

EQT2600	Engineering Vehicle Replacement	Engineering	General	High	\$	35,000.00
Hybrid EV and Gas. Replacement vehicle for 2002 Crown Victoria. Vehicle used for inspection around the city.						
EQT2800	DPS Sewer Camera	Engineering	General	High	\$	15,000.00
Push camera and skids to inspect sewer lines under 8" with locator to mark sewer line on surface. Improve service and improve ability to locate & repair defective sanitary and storm lines.						
EQT2900	DPS Snow Plow Replacement	Engineering	General	High	\$	18,000.00
Purchase of 2 VXT plows and installation of 2020 Ford F250 4 x 4 trucks #11 and #15 for additional snow plowing capability of parking lots.						
PKG: Parking						
PKG1000	Parking lots within the DDA District	Engineering	DDA	High	\$	300,000.00
Need immediate repairs/replacement of the HMA surfaces of Parking Lot 2 (\$48,000), Parking Lot 11 (\$41,000). 2024 Police/Court Parking Lot Repairs. 2026 Future Parking Lot Repairs.						
PKG1100	Parking lots outside the DDA District	Engineering	General	Medium	\$	125,000.00
Memorial Park Pennsylvania South Lot (\$100,000), City Parking Lot NW Eureka & 17th (\$20,000), City Parking Lot NE Corner 20th & Ludington - Memorial Park (\$70,000).						
PKG1200	Downtown Parking Garage	DDA	DDA	Medium	\$	-
Construct, operate, maintain downtown parking structure						
PLC: Placemaking						
PLC1200	Downtown Greenway	DDA rev bonds, grants, Brownfie	DDA	High	\$	300,000.00
Construct interconnected network of greenways through CBD; remove 35 telephone poles and all overhead utility lines; Construct underground utilities/facilities; Resurface alleyways and parking lots with concrete.						
PLC1300	Downtown Trees & Landscaping	DDA, gen fund, WSAF fund	DDA	High	\$	-
Plant trees, landscape and irrigate public property.						
POW: Power & Connex						
POW1100	Fiber System & Headend	WMS	General	High	\$	630,000.00
Fiber system FTTH upgrade and head end move. Bonds issued 2020, project started early 2021 with expected completion in FY2023. Delays due to supply chain issues.						
POW1200	MobiTV App Based TV - Servers, Integration, Transcoding	WMS	General	Medium	\$	20,000.00
Maintain/upgrade MobiTV app based streaming video service. 2026 will be transcoder replacement.						
POW1300	Digital Receivers	WMS	General	High	\$	20,000.00
Upgrade/replace satellite receivers for old M-PEG2 units. General upgrades for M-PEG4 capable with ASI and/or GIG-E outputs.						

POW1400	Engineering projects - electric	WMS	General	Medium	\$	100,000.00
Capitalized engineering for projects including but no limited to, Joint Use Attachment, T & D Infrastructure and other PP/T&D Projects.						
POW1600	MDU - Residential commercial building service drop rewires	WMS	General	High	\$	10,000.00
Existing MDU work will be done as part of FTTH project. This project forecasts future miscellaneous drop projects (new real estate developments)						
POW1700	Fiber Modems - FTTH ONU & ONT	WMS	General, PEG	Medium	\$	20,000.00
FTTH ONU, ONT Optical CPE (Customer premises equipment - Fiber modems) corresponding with the new FTTH (Fiber) service.						
POW1800	Bailey Controls - Balance of Plant (BOP)	WMS	Bond Issue	High	\$	80,000.00
The only remaining controls on the Bailey (installed in 1992) system is the balance of plant controls. Controls water distribution in building, reducing stations and RO treatment.						
POW1900	VOD Upgrade	WMS	General	High	\$	60,000.00
Technology upgrades and additional storage capacity for expanding VOD offerings. VOD will continually be reviewed as to the form in which it is offered and accessed by customer.						
POW2000	69kv upgrades	WMS	General	High	\$	25,000.00
Replacing our 40 year old 69kv transmission system with new steel poles, new insulators, reconducting and a static line for communication and better protection for lightening strikes.						
POW2200	Capitalized engineering	WMS	General	Low	\$	30,000.00
Capitalized engineering for system plant, headend and one off customer builds						
POW2300	GIS, SCADIA and OMS	WMS	General	High	\$	200,000.00
Perform assessment and continue to upgrade computer systems to accomplish graphical interface with field assets, outage management, and supervisory and data acquisition and control.						
POW2600	Security Wall - 69kv Switch Yard	WMS	General	High	\$	175,000.00
Construct concrete walls 8' x 8' x 1' with 4' wide footing for security protection for the transformers, switches and hardware.						
POW2601	Sub 10 69k Cable Upgrades	WMS	General	High	\$	200,000.00
Capital improvements on the T&D system; reconductoring the 69kv cables from 6902 and 6904 from the transformers to the new switches being installed.						
POW3100	T & D Construction	WMS	General	High	\$	800,000.00
Capital improvements on the T & D system. Metering sockets, house service, transmission and distribution poles, wire, switches, xfms and other equipment along with streetlighting to improve our electric T & D facilities.						
POW3300	PI Data Server	WMS	General	High	\$	40,000.00
PI data server						
POW3500	Downtown electricity	DDA	DDA, General	Medium	\$	200,000.00
Install new electrical boxes & receptacles at all trees along Eureka Road between the viaduct and biddle avenue. Repair, replace and modernize electrical boxes and facilities throughout Downtown parking lots to optimize capacity.						
POW3600	Downtown Pedestrian Streetlights	DDA	DDA, Gen, Fund Bal, WSAF	High	\$	-
Repaint all downtown pedestrian lights, which are pitting. This is a preventative maintenance and preservation program. The cost by Knowles painting \$470/pole by 60 poles.						
POW3700	PLC (Control) Processors	WMS	General	Medium	\$	30,000.00
Update aging PLC (control) processors as needed. Provides remote operation controls to optimize the plant operations.						

POW3800	Power Plant - Natural Gas (RICE) Engine Peaking Units	WMS	Fut. Bond Issue, MPPA Project	High	\$	100,000.00
Peaking generation at the power plant to maintain local generation capabilities for peaking, currently sized and estimated at 18MW of capacity.						
POW3900	FD Fan - Package Boilers	WMS	General	High	\$	13,000.00
Feed water is a necessity for boiler operation. The current PLC is the oldest in the plant and needs replacement.						
POW4100	Diesel Engine Control & Switchgear upgrade	WMS	General	High	\$	350,000.00
Diesel engine control & switchgear upgrade						
POW4200	Video Streaming CPE	WMS	EO	High	\$	21,000.00
Video streaming CPE						
REC: Recreation						
REC1200	Permanent playground surfacing	Recreation	General/Grant	Low	\$	125,000.00
Replacing the woodchips under playground equipment with poured in place rubber surfacing.						
REC1600	Pulaski Park: Tennis Courts	Recreation	TIFA	Low	\$	150,000.00
Replace asphalt walking track, tennis courts and basketball court. Install 6 sets of pickleball courts for pickleball play, replace fencing around new courts, restripe basketball courts.						
REC1700	FOP: Pickleball Courts	Recreation	Grant/TIFA	High	\$	30,000.00
Replace asphalt walking track, tennis courts and basketball court. Install 6 sets of pickleball courts for pickleball play, replace fencing around new courts, restripe basketball courts.						
RDS: Roads						
RDS1100	City Street Improvements	Engineering	Major/TIFA local	High	\$	3,446,000.00
Replace/repair deteriorating concrete alleys in CBD. Est 6 alley segments at \$130,000 ea. 2 per year. 2026 - 2028 other alleys repair/replace as needed.						
RDS1100	Alley Improvements	Engineering	Special Assessment Fund	High	\$	114,000.00
Replace/repair deteriorating concrete alleys in CBD. Est 6 alley segments at \$130,000 ea. 2 per year. 2026 - 2028 other alleys repair/replace as needed.						
SAN: Sanitary Sewer						
SAN1000	City Sewer Improvements	Engineering	Sewer Fund/ Maint/TIFA	High	\$	600,000.00
Continue CCTV inspection and documenting of sewer system and performing repairs/lining/replacement as needed in accordance with the city's sewer asset management plan. Estimated \$300,000 sewer/\$300,000 TIFA.						
SID: Sidewalks						
SID1000	Sidewalks	Engineering	Special Assessment Fund	Medium	\$	150,000.00

Provide inspection of sidewalks as proactive approach to prevent injuries and safeguard City against litigation. Special Assessment Districts created to fund sidewalk replacement.					
TEC: Technology					
TEC1000	Capitalized IT projects	WMS	Bond	High	\$ 174,200.00
All PCs must be replaced by the beginning of 2026 budget year. Existing enterprise servers have reached end of life and must be replaced.					
TEC1100	DPS CCTV Software	DPS	General	High	\$ 15,000.00
New PC and software for sewer CCTV required to interface with City's new GIS system.					
WAT: Water					
WAT1000	Advanced Metering Infrastructure (AMI)	WMS	General	High	\$ 605,000.00
Replace current AMR System with the Landis & Gyr Grid Stream AMI. The water department part of the project involves installing a transponder on the water meter that will facilitate via AML, FY23 = 2500 units @ \$214.25 @ \$142,250.					
WAT1100	Valve Program	WMS	General	High	\$ 90,000.00
Visual inspection and GIS location of distribution system valves.					
WAT1200	Replace Chlorine Delivery System & Tanks	WMS	General	High	\$ 75,000.00
Replace the chlorine delivery system and tanks that were installed in 1995. The tanks, pumps and lines will have reached their life age and for safety purposes they will need to be replaced.					
WAT1300	Rebuild Raw Intake Traveling Screen	WMS	General	High	\$ 50,000.00
Remove and re-build all the screen devices from the screen itself to the chain drive unit, wash down unit to insure that the device is removing all the larger items from entering the pumps and wet wells.					
WAT1600	Rebuild High/Low Service Pump & Motor	WMS	General	High	\$ 50,000.00
Remove a high or low service pump from service so that the pump and motor can be inspected and rebuilt as necessary. Twelve (12) pumps total, two (2) per fiscal year.					
WAT1700	Service Line Replacement	WMS	General	High	\$ 400,000.00
To replace approx. 800 service lines (5%/yr. for 20 years = 40/yr.) from the water main to the meter. Pending new regs. for replacement of service lines from the EGLE, costs could go up due to how far the EGLE requires.					
WAT1800	Water Main Replacement	WMS	General/TIFA	High	\$ 800,000.00
Systematic replacement of city water mains with a priority on the oldest 4" and 6" mains.					
WAT2100	Water Meter Replacement	WMS	General	High	\$ 75,000.00
Water meter replacement					
Total projects for FY 2023 year \$					12,239,300.00