

OUR CITY OF MADISON



Engineering Division Budget Overview

Jim Wolfe, City Engineer

Our Agency's Operating Budget Overview (4 separate operating budgets)

1. Engineering Division
2. Landfill
3. Sewer Utility
4. Stormwater Utility



Engineering Division Operating Budget

As of January 2023, the Engineering Division maintains a \$5,066,401 operating budget across 3 budgeted services:

Service	Operating Budget
Engineering & Administration	\$4,101,019
Facilities Management	\$518,649
Facilities Operations & Maintenance	\$446,732
TOTAL	\$5,066,401

Engineering & Administration

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Land Use &
Transportation

2023 Total Operating Budget

\$4,101,019

Service: Engineering And Administration

Service Description

This service is responsible for design, management, contract administration, and administrative support to the Engineering Division's transportation and pedestrian infrastructure projects. This service oversees projects pertaining to: 1) streets and bridges, 2) sidewalks, 3) bike paths, and 4) environmental improvements for remediating soil and groundwater contamination.

Beginning in 2023, the Engineering and Administration service will also include activities that were previously budgeted under the "Mapping & Records" service. These services are being combined to better reflect the organizational structure of the agency. The goal of Mapping & Records is to protect the land interests of the City of Madison and to accurately maintain the City's official maps. This service provides land management support services, maintain's the City's official map and agency maps (e.g. Assessor's parcel maps, Fire Department and Police Department maps, utility records), assigns street names and addresses, and conducts aerial imagery and electronic mapping projects.

Facilities Management

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2023 Total Operating Budget

\$518,649

Service: Facilities Management

Service Description

This service is responsible for the design and project management of City-owned facilities, including supervision of remodeling and construction projects. The goal of this service is to implement projects that decrease energy use, conserve water, use renewable sources of energy, and provide high quality facilities.

Facilities Operations & Maintenance

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2023 Total Operating Budget

\$446,732

Service: Facilities Operations & Maintenance

Service Description

This service is responsible for the maintenance and operational oversight of City-owned facilities including: the Madison Municipal Building (MMB), the Fairchild Building, six district police stations, the police training center, 14 fire stations, seven Public Works facilities, the Madison Senior Center, six parking ramps, three leased facilities, and various storage buildings. The goals of this service are to 1) improve the operational efficiency of the facilities by implementing energy savings components to the scheduled facility improvements and 2) optimize municipal investment by increasing the useful life of the City's facilities.

Engineering Division Operating Budget by Fund

We are a general fund agency. This means our operations are primarily funded by City levy. In addition, our budget includes other funding sources from charges for services and miscellaneous revenue.

Fund	2023 Adopted Budget
General Fund	\$5,066,401
Charges for Services	\$52,500
Misc Revenue	\$195,000
TOTAL	\$5,313,901

Landfill Operating Budget

As of January 2023, Landfill maintains a \$961,152 operating budget across 1 budgeted service:

Service	Operating Budget
Landfill Management & Maintenance	\$961,152

Landfill Management & Maintenance

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2023 Total Operating Budget

\$961,152

Service: Landfill Management & Maintenance

Service Description

This service manages the five closed landfills overseen by the City. The goal of this service is to eliminate the migration of landfill contamination and gas to protect the health and safety of our residents and environment.

Landfill Operating Budget by Fund

- We are an Other Restricted Fund agency. This means our operations are primarily funded by special charges. In addition, our budget includes other funding sources from fund balance, interest and late fees.
- Current landfill remediation rate for a homeowner is \$0.50 per month or \$6.00 annually. No rate increase in 2023.

Fund	2023 Adopted Budget
Landfill Remediation Charge	\$650,000
Late Fees	\$3,000
Interest Revenue	\$12,400
Fund Balance Applied	\$295,752
TOTAL	\$961,152

Sewer Utility Operating Budget

As of January 2023, the Sewer Utility maintains a \$54,131,240 operating budget across 2 budgeted services:

Service	Operating Budget
Sewer Engineering & Admin	\$17,219,883
Sewer Operations	\$36,911,357
TOTAL	\$54,131,240

Sewer Engineering & Admin

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2023 Total Operating Budget

\$17,219,883

Service: Sewer Engineering And Admin

Service Description

This service is responsible for the inspection, planning, design, evaluation, and construction of the City's sanitary sewer collection system. The sanitary sewer collection system includes 800 miles of sewer main, 30 lift stations, and 20,000+ sanitary sewer access structures. The Sanitary Sewer Utility reviews and inspects permits related to sanitary sewer system excavation and plugging. The Sanitary Sewer Utility also collects sewer area connection fees as well as impact fees related to municipal sewer improvements. The Sanitary Sewer Utility consistently implements measures to reduce inflow and infiltration (I&I); one of these measures is lining of approximately 9 miles of sanitary sewer per year. The Sanitary Sewer Utility also completes all regulatory reporting requirements with City's CMOM (Capacity, Management, Operation and Maintenance) for the WDNR (Wisconsin Department of Natural Resources).

Sewer Operations

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2023 Total Operating Budget

\$36,911,357

Service: Sewer Operations

Service Description

This service is responsible for the operation and maintenance of the City's sanitary sewer system, which consists of 800 miles of sewer main and 20,000+ sanitary sewer access structures. This system is supported by 30 lift stations and transports 26.2 million gallons of raw sewage per day from Madison homes and businesses to the Nine Springs Wastewater Treatment Plant (WWTP).

NOTE: Nearly 90% (\$32,402,500) of the Sewer Operations budget is paid to MMSD for wastewater treatment.

Sewer Utility Operating Budget by Fund

- We are an enterprise agency. This means our operations are primarily funded by charges for services. In addition, our budget includes other funding sources including special assessments, late fees, interest and sales/trade-ins of assets.
- Current average rate for a homeowner is \$34.04 per month or \$408.48 annually.
- Madison Metropolitan Sewerage District treatment charges account for 60% of the Sewer Utility's total operating budget and subsequently customer costs.
- 5% rate increase in 2023 due to increased debt service and MMSD treatment charges.

Fund	2023 Adopted Budget
Charges For Services	\$52,692,000
Licenses and Permits	\$15,200
Special Assessments & Late Fees	\$920,000
Interest Revenue	\$188,800
Sale of Assets & Trade-Ins	\$315,240
TOTAL	\$54,131,240

Stormwater Utility Operating Budget

As of January 2023, the Stormwater Utility maintains a \$20,632,540 operating budget across 2 budgeted services:

Service	Operating Budget
Stormwater Engineering & Admin	\$16,239,869
Stormwater Operations	\$4,392,671
TOTAL	\$20,632,540

Stormwater Engineering & Admin

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2023 Total Operating Budget

\$16,239,869

Service: Stormwater Engineering And Admin

Service Description

The Stormwater Utility provides services for planning, design, review, construction, and maintenance of the City's storm system. The storm system includes 500+ miles of storm sewer pipe and box culverts, 26,000+ inlets, 100+ miles of open channels (both ditches and greenways), 230+ wet and dry detention ponds, 600+ biofiltration devices and raingardens, catchbasin sump cleaning, screen structures, pervious pavement, pervious sidewalks, and proprietary stormwater quality devices.

The Stormwater Utility is responsible for compliance with the Wisconsin Pollutant Discharge Elimination System discharge permit and enforcement of the technical aspects of the City's Municipal Governing Ordinance Chapter 37.

Stormwater Operations

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Resilient

2023 Total Operating Budget

\$4,392,671

Service: Stormwater Operations

Service Description

This service is responsible for operating and maintaining Stormwater Utility system infrastructure of storm sewer system including 500+ miles of storm sewer pipe and box culverts, 26,000+ inlets, 100+ miles of open channels (both ditches and greenways), 230+ wet and dry detention ponds, 600+ biofiltration devices and raingardens, catchbasin sump cleaning, screen structures, pervious pavement, pervious sidewalks, proprietary stormwater quality devices, and 1,800 acres of stormwater management lands.

Stormwater Utility Operating Budget by Fund

- We are an enterprise agency. This means our operations are primarily funded by charges for services. In addition, our budget includes other funding sources including special assessments, late fees, interest and sales/trade-ins of assets.
- Current average rate for a homeowner is \$11.31 per month or \$135.72 annually.
- 8% rate increase in 2023 due to increased debt service, increased street sweeping and leaf collection charges from the Streets Division and special assessments on SWU owned parcels.

Fund	2023 Adopted Budget
Charges For Services	\$19,749,380
Licenses and Permits	\$2,500
Special Assessments & Late Fees	\$555,040
Interest Revenue	\$87,200
Sale of Assets & Trade-Ins	\$238,420
TOTAL	\$20,632,540

Our Agency's Capital Budget Overview (6 separate capital budgets)

1. Facilities Management
2. Major Streets
3. Bicycle & Pedestrian
4. Engineering-Other
5. Sewer Utility
6. Stormwater Utility



People - Places - Possibilities

Facilities Management Capital Budget

As of January 2023, Engineering – Facilities maintains a 2023 Capital Budget of \$13,288,860 across 13 Projects and Programs.

Project Summary: Adopted

	2023
CCB Improvements	1,200,000
CCB Office Remodels	4,650,000
Energy Improvements	2,830,080
Engineering Service Building Improvements	895,000
Facility Electrical Improvements to Support Electric Vehic	300,000
Fairchild Building Improvements	743,245
Fire Building Improvements	295,000
General Building Improvements	530,000
Horizon List Planning	100,000
Park Facility Improvements	450,000
Police Building Improvements	420,535
Streets Facility Improvements	525,000
Town of Madison Town Hall	350,000
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	\$ 13,288,860

CCB Improvements

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2023 Program Capital Budget

\$1,200,000

Project
Citywide Element

CCB Improvements
Green and Resilient

Project # **10561**
Project Type **Program**

Project Description

This program funds the City's portion of shared City and County facility projects scheduled for the City County Building (CCB), a 65+ year old building. The goal of this program is to support necessary repair and maintenance work initiated by Dane County facilities maintenance staff. Projects funded in this program generally include electrical, heating and cooling, plumbing, and other building updates. Projects planned in 2023 include Emergency Generator Replacement, Electrical Panels Replacements, Exterior Windows Replacements (partially DOE funded), Lighting Controls Improvements (partially DOE funded), Air Handling Unit #7 Replacement, and a Condensate Pump Replacement.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	1,200,000	350,000	350,000	350,000	350,000	350,000
TOTAL	\$ 1,200,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000

CCB Office Remodels

2023 Program Capital Budget

\$4,650,000

Project **CCB Office Remodels**
Citywide Element **Effective Government**

Project # **13667**
Project Type **Program**

Project Description

This project is for the design and remodel of various offices in the CCB. The goal of the project is to replace decades old building systems, optimize and expand the usage of available space, and improve work spaces and meeting rooms spaces for City agencies including Civil Rights, Information Technology, Common Council Offices, Office of the Independent Monitor, Attorney, Finance, Mayor’s Office, Assessor, Clerk, and Treasurer. The project’s scope includes design, construction, office workstations, audiovisual equipment, moving costs, rental of temporary facilities, and staff costs. Master planning for levels 1, 4, and 5 was completed in 2021 (phase 1) . The remaining design and construction is organized into three phases. Phase 2 is to complete the design/bid documents (in 2022) and construction (in 2023) for Assessor, Clerk, Treasurer, and Civil Rights (moving to Parks current area) at level 1; and Office of the Independent Monitor, and Common Council Offices at level 5 (in the former Human Resources space facing Martin Luther King Jr. Boulevard). Phase 3 is to complete the design and construction for the Attorney’s Office, Mayor’s Office, Finance at level 4; and IT Helpdesk and other users at level 5. Phase 4 is to complete the design and construction for Information Technology and other users at level 5.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	4,650,000	5,200,000	3,300,000	-	-	-
TOTAL	\$ 4,650,000	\$ 5,200,000	\$ 3,300,000	\$ -	\$ -	\$ -

Energy Improvements



2023 Program Capital Budget
\$2,830,080

Project **Energy Improvements**
 Citywide Element **Green and Resilient**

Project # **10562**
 Project Type **Program**

Project Description

This program is for implementation of energy efficiency improvements. The goals of the program are to meet the 100% Renewable Madison plan at City-owned sites and facilities, support energy efficiency, and reduce energy demand. Projects supported by this program include supplying distributed renewable energy via solar photovoltaic (PV) panels, installation of LED lighting, retro-commissioning and building automation upgrades. Solar projects planned in 2023 include design and installations at State Street Ramp, Bartillon Permanent Men's Shelter, Madison Public Market, Door Creek Shelter, Imagination Center at Reindahl Park, CDA-Tenney Park Apartments, Water Utility - Paterson Operations Building, Fire Station 09, Fire Station 06, Tenney Park Beach Shelter, and Tenney Park Pavilion. LED lighting projects planned in 2023 include design and installation at Water Utility (design only at Heim Building), Fairchild Building, Fire Station 02, and Fire Station 08. Engineering staff estimates that these projects will result in approximately \$125,000 in operating savings in each year of the CIP due to lower utility costs and maintenance staff time.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	2,790,080	2,660,000	2,660,000	2,660,000	3,460,000	3,260,000
State Sources	40,000	40,000	40,000	40,000	40,000	40,000
TOTAL	\$ 2,830,080	\$ 2,700,000	\$ 2,700,000	\$ 2,700,000	\$ 3,500,000	\$ 3,300,000

Facility Electrical Improvements to Support Electric Vehicles

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2023 Program Capital Budget

\$300,000

Project **Facility Electrical Improvements to Support Electric Vehicle** Project # **14140**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is to fund improvements to electrical systems at City-owned sites and facilities to accommodate added load from electric vehicle chargers. Fleet Service is transitioning the City's fleet to more electric vehicles as part of the 100% Renewable Madison plan. These electrical vehicles will be stored and charged at facilities with electrical systems that were not designed with the capacity to support electric vehicle chargers. These electrical systems will need to be upgraded with additional capacity before the electric vehicle chargers can be installed. Expected projects to pursue in 2023 include Fire Station 01, Fire Station 07, Goodman Park Maintenance Facility, and Water Utility Paterson Vehicle Storage.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	300,000	350,000	400,000	450,000	500,000	550,000
TOTAL	\$ 300,000	\$ 350,000	\$ 400,000	\$ 450,000	\$ 500,000	\$ 550,000

Fairchild Building Improvements



2023 Project Capital Budget
\$743,245

Project **Fairchild Building Improvements** Project # **11078**
 Citywide Element **Green and Resilient** Project Type **Project**

Project Description
 This project is for building improvements at the City’s Fairchild Building (originally built in 1927). Major work includes replacing past useful life mechanical systems (boiler, distribution, terminal units, and ventilation) throughout the facility with code-compliant systems, modernize the main 1920s era electrical service panels and circuitry through the facility, and to address structural deficiencies identified and detailed by a 2020 third-party professional structural engineer report. Current uses in the building include housing Parking Enforcement vehicles, Police Department vehicles and general storage, Parks Mall Maintenance vehicles/equipment and storage, art storage, and general city surplus storage.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	743,245	-	-	-	-	-
TOTAL	\$ 743,245	\$ -	\$ -	\$ -	\$ -	\$ -

General Building Improvements

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2023 Program Capital Budget

\$530,000

Project **General Building Improvements** Project # **10549**
Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for scheduled improvements and unplanned repairs to City-owned facilities. The goal of this program is to maintain and improve the City's facilities to optimize service operations and work conditions, and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include building, mechanical, and utility system upgrades at City-owned facilities. Program includes \$530,000 in 2023 for unscheduled replacement of building systems and for installation of bipolar ionization systems in Engineering maintained facilities for improved health outcomes.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	530,000	350,000	370,000	390,000	410,000	430,000
TOTAL	\$ 530,000	\$ 350,000	\$ 370,000	\$ 390,000	\$ 410,000	\$ 430,000

Engineering Service Building Improvements



2023 Program Capital Budget
\$895,000

Project **Engineering Service Building Improvements** Project # **10192**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for scheduled improvements to the City’s Engineering Services Building. The goal of this program is to maintain and improve the City’s Engineering Services Building to optimize service operations and work conditions and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include replacement of energy-using building systems and components that have exceeded their useful life. 2023 includes two proposed projects: 1) To remodel an existing storage room into a comfort room for nursing mothers in support of APM 2-50 “Lactation Policy For Breastfeeding Employees and Visitors,” and 2) a remodel to the existing locker rooms and an existing large conference room to expand space to serve the needs of a significant growth in field staff (approximately 80 field staff) and to support APM 2-52 “Inclusive Workplace – Transgender Gender Non-Conforming, and Non-Binary Employees”.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	89,500	-	-	-	-	-
Non-GF GO Borrowing	268,500	-	-	-	-	-
Reserves Applied	89,500	-	-	-	-	-
Revenue Bonds	447,500	-	-	-	-	-
TOTAL	\$ 895,000	\$ -	\$ -	\$ -	\$ -	\$ -

Fire Building Improvements



2023 Project Capital Budget
 \$295,000

Project **Fire Building Improvements** Project # **10560**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for scheduled improvements to the City’s fourteen Madison Fire Department stations and administration offices. The goal of this program is to maintain and improve the City’s Fire facilities to optimize service operations and work conditions, and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include building, mechanical, and utility system upgrades at fire stations. Projects planned for 2023 include replacement of Fire Station 01 water heater, Fire Station 04 water heater, Fire Station 05 roof, Fire Station 08 overhead door operators, Fire Station 08 water heater, Fire Station 09 water softener, Fire Station 10 water heater, Fire Station 10 apparatus bay heaters, and Fire Station 11 apparatus bay heaters.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	295,000	295,000	340,000	520,000	750,000	825,000
TOTAL	\$ 295,000	\$ 295,000	\$ 340,000	\$ 520,000	\$ 750,000	\$ 825,000

Park Facility Improvements



2023 Program Capital Budget
 \$450,000

Project **Park Facility Improvements** Project # **10564**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for improvements and ongoing building maintenance at Parks facilities. The goals of this program are to provide quality park facilities to the community and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects in 2023 include Rennebohm Shelter Improvements and General Park Facility Improvements.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	450,000	900,000	450,000	325,000	75,000	75,000
TOTAL	\$ 450,000	\$ 900,000	\$ 450,000	\$ 325,000	\$ 75,000	\$ 75,000

Police Building Improvements



2023 Program Capital Budget
\$420,535

Project **Police Building Improvements** Project # **13341**
 Citywide Element **Health and Safety** Project Type **Program**

Project Description

This program is for scheduled improvements to the City’s six Police District Stations, and the Police Training Center. The goal of this program is to maintain and improve the City’s Police facilities to optimize service operations and work conditions, and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include building, mechanical, and utility system upgrades at police stations. Projects planned for 2023 include South District roof replacement and parking lot seal coat, East District parking lot seal coat, West District parking lot replacement and rubber floor replacement, Midtown District parking lot seal coat, and Training Center parking lot seal coat.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	420,535	411,100	392,900	573,080	412,300	266,000
TOTAL	\$ 420,535	\$ 411,100	\$ 392,900	\$ 573,080	\$ 412,300	\$ 266,000

Streets Facility Improvements

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2023 Program Capital Budget

\$525,000

Project **Streets Facility Improvements** Project # **10565**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for improvements to the four Streets Division facilities. The goal of this program is to maintain and improve the City's Streets facilities to optimize service operations and working conditions and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include updates to existing building systems such as HVAC and electrical. Expected notable projects planned for 2023 include replacement of emergency generators at Streets West Badger and East Streets (Sycamore).

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	525,000	525,000	575,000	1,175,000	775,000	825,000
TOTAL	\$ 525,000	\$ 525,000	\$ 575,000	\$ 1,175,000	\$ 775,000	\$ 825,000

Horizon List Planning



2023 Program Capital Budget

\$100,000

Project **Horizon List Planning**
 Citywide Element **Effective Government**

Project # **12641**
 Project Type **Program**

Project Description

This program is for fully scoping facility projects identified on the capital budget Horizon List. The goal of this program is to provide accurate project scope with a detailed cost estimate to ensure readiness of proposed capital projects. Projects planned in 2023 include completing a study of the City-owned Sayle Street facility for scenarios to remodel/ improve current conditions.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	100,000	50,000	50,000	50,000	50,000	50,000
TOTAL	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Town of Madison Town Hall



2023 Project Capital Budget

\$350,000

Project **Town of Madison Town Hall** Project # **14357**
Citywide Element **Effective Government** Project Type **Project**

Project Description

This project is for improvements to the Town of Madison Town Hall site and facilities at 2120 Fish Hatchery Road. The goal of this project is to repair and improve the Town Hall site and facilities to temporarily accommodate various City agencies in need of additional space. Projects planned for 2023 include salvage and removal of existing contents, exterior enclosure repair to protect from air and water intrusion, finishes and furnishings work, emergency egress lighting upgrades, parking lot patching, and miscellaneous projects to meet building code requirements.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	350,000	-	-	-	-	-
TOTAL	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -

Major Streets Capital Budget

As of January 2023, our agency maintains a 2023 Capital Budget of \$51,697,000 across 9 Projects and Programs.

Project Summary:	Adopted	2023
Atwood Avenue		6,714,000
Bridge Repair		170,000
High Point/Raymond/MidTown		760,000
John Nolen Drive		-
Mineral Point Road		280,000
Outer Capitol Loop Southeast		-
Park Street, South (Olin To RR)		155,000
Pavement Management		16,305,000
Pleasant View Road - Phase 1		3,684,000
Railroad Crossings		6,000,000
Reconstruction Streets		17,629,000
Wilson St (MLK to King)		-
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		\$ 51,697,000

Atwood Avenue

2023 Project Capital Budget
\$6,714,000

Project **Atwood Avenue**
Citywide Element **Land Use and Transportation**

Project # **11127**
Project Type **Project**

Project Description

This project funds the reconstruction of Atwood Avenue from Fair Oaks Avenue to Cottage Grove Road to a three-lane boulevard with multi-use paths. Median and crosswalk enhancements are proposed for safe pedestrian crossing to Olbrich Gardens and Olbrich Park. The multi-use path will be utilized for the Lake Loop route around Lake Monona. A new pedestrian and bicycle bridge over the Starkweather Creek is included in the project. The goal of the project is to improve the facilities for pedestrians, bicyclists, motor vehicles and transit. Federal funds are approved by the Metropolitan Planning Organization (MPO). Funding shown is City cost share.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	4,530,000	-	-	-	-	-
Municipal Capital Participate	486,000	-	-	-	-	-
Reserves Applied	350,000	-	-	-	-	-
Revenue Bonds	797,000	-	-	-	-	-
Special Assessment	551,000	-	-	-	-	-
TOTAL	\$ 6,714,000	\$ -	\$ -	\$ -	\$ -	\$ -

High Point/Raymond/Mid Town

2023 Project Capital Budget
\$760,000

Project **High Point/Raymond/MidTown** Project # **12454**
Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description

This project funds the construction of a realignment of Raymond and Mid Town Roads as included in the High Point Raymond Neighborhood Development Plan. The project includes a multi use path, stormwater improvements and an extension of High Point Road. Funding in 2023 is for design, 2027 is for real estate acquisition, and 2028 is for construction.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	750,000	-	-	-	1,000,000	8,364,000
Non-GF GO Borrowing	-	-	-	-	-	1,300,000
Impact Fees	-	-	-	-	-	1,000,000
Reserves Applied	10,000	-	-	-	-	48,000
Revenue Bonds	-	-	-	-	-	50,000
Special Assessment	-	-	-	-	-	602,000
TOTAL	\$ 760,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 11,364,000

Mineral Point Road

2023 Project Capital Budget
\$280,000

Project **Mineral Point Road** Project # **11131**
Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description
This project funds the reconstruction of Mineral Point Road from the Beltline (USH 12/18) to High Point Road. The project is proposed to be reconstructed with new pavement, median, and multi-use path. Safety enhancements are proposed for the Mineral Point Road and High Point Road intersection. The goal of the project is to provide new pavement and enhance safety for pedestrians and bicyclists. Federal funding for the project has been approved. Funding shown is the City's cost share.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	280,000	-	-	1,100,000	-	-
Non-GF GO Borrowing	-	-	-	3,550,000	-	-
Reserves Applied	-	-	-	500,000	-	-
TOTAL	\$ 280,000	\$ -	\$ -	\$ 5,150,000	\$ -	\$ -

Park Street, South (Olin to RR)



2023 Project Capital Budget
\$155,000

Project **Park Street, South (Olin To RR)** Project # **11133**
 Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description

This project is for reconstructing South Park Street. The goal of the project is to improve the pavement quality of the roadway. The current pavement rating is 4 of 10. The project's scope includes South Park Street from the railroad to Olin Avenue. The project includes creating a new multi-use path and aligning the roadway for future BRT expansion. Design is planned for 2023 and construction is planned for 2026.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	150,000	-	-	600,000	-	-
Reserves Applied	5,000	-	-	417,000	-	-
Special Assessment	-	-	-	23,000	-	-
TOTAL	\$ 155,000	\$ -	\$ -	\$ 1,040,000	\$ -	\$ -

Pleasant View Road – Phase 1

2023 Project Capital Budget
\$3,684,000

Project **Pleasant View Road - Phase 1** Project # **10284**
Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description

This project is for reconstructing Pleasant View Road from US-14 to Old Sauk Road. The project's scope includes construction of a four-lane roadway with multi-use path and sidewalk to replace the existing two lane roadway. This is a joint project with the City of Middleton, funding shown is the City's cost share. Construction is planned for 2023. Federal funding for this project is secured.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	3,350,000	-	-	-	-	-
Reserves Applied	99,000	-	-	-	-	-
Special Assessment	235,000	-	-	-	-	-
TOTAL	\$ 3,684,000	\$ -	\$ -	\$ -	\$ -	\$ -

Reconstruction Streets

2023 Program Capital Budget
\$17,629,000

Project **Reconstruction Streets** Project # **10226**
Citywide Element **Land Use and Transportation** Project Type **Program**

Project Description

This program is for replacing deteriorated streets to maintain neighborhood roadways. Projects funded include those where a full street replacement is necessary. Projects planned in 2023 include: Sommers, Center, Willard, Hudson, Miller, Lowell, Dempsey, Davies, Lake Mendota Dr, Doncaster, Beverly, Danbury, Blue Harvest, Feathers Edge, Owen, Schmitt & Harvey. The adopted budget reduces the use of TIF proceeds in 2023 by \$3.2 million to reflect removing the Eastwood Area project, per Finance Committee Amendment #3.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	5,315,000	6,385,000	6,692,000	8,370,000	8,789,000	9,228,000
Non-GF GO Borrowing	3,140,000	1,885,000	1,182,000	1,139,000	1,139,000	1,206,000
Reserves Applied	1,598,000	1,439,000	1,500,000	1,797,000	2,469,000	2,701,000
Revenue Bonds	4,000,000	3,001,000	2,896,000	3,770,000	2,060,000	2,390,000
Special Assessment	3,351,000	3,116,000	3,252,000	3,447,000	3,921,000	3,786,000
State Sources	225,000	225,000	225,000	225,000	225,000	225,000
TIF Increment	-	-	1,500,000	-	-	-
TOTAL	\$ 17,629,000	\$ 16,051,000	\$ 17,247,000	\$ 18,748,000	\$ 18,603,000	\$ 19,536,000

Pavement Management

2023 Program Capital Budget
\$16,305,000

Project **Pavement Management** Project # **10540**
Citywide Element **Land Use and Transportation** Project Type **Program**

Project Description
This program is for resurfacing, repair, crack sealants, and chip sealing on existing streets. The goal of the program is to extend the life of existing streets. Each year the program resurfaces 8-10 miles, chip seals approximately 75 miles, and crack seals approximately 75 miles. Projects planned in 2023 include: Hammersley, Broom/Henry/Wilson, W Main, Segoe/Sheboygan, S Pinckney & W Beltline Frontage Rd.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	10,575,000	10,575,000	11,018,000	11,594,000	12,174,000	12,783,000
Non-GF GO Borrowing	2,154,000	1,900,000	1,580,000	1,380,000	1,380,000	1,380,000
Reserves Applied	1,135,000	1,345,000	3,336,000	3,181,000	2,441,000	2,905,000
Revenue Bonds	1,400,000	1,765,000	2,900,000	2,913,000	3,309,000	3,100,000
Special Assessment	1,041,000	1,072,000	1,670,000	1,737,000	1,680,000	1,765,000
TOTAL	\$ 16,305,000	\$ 16,657,000	\$ 20,504,000	\$ 20,805,000	\$ 20,984,000	\$ 21,933,000

Bridge Repair

2023 Program Capital Budget
\$170,000

Project **Bridge Repair** Project # **10538**
Citywide Element **Land Use and Transportation** Project Type **Program**

Project Description
This program is for repair, replacement, and painting of bridges to maintain a safe condition. The goal of this program is to provide safe bridges measured by routine evaluation. Project funding in this program includes bridge repair and resurfacing. Funding in 2023 is for epoxy resurfacing of bridge decks.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	170,000	170,000	177,000	186,000	195,000	205,000
TOTAL	\$ 170,000	\$ 170,000	\$ 177,000	\$ 186,000	\$ 195,000	\$ 205,000

Railroad Crossings

2023 Program Capital Budget
\$6,000,000

Project **Railroad Crossings** Project # **10218**
Citywide Element **Land Use and Transportation** Project Type **Program**

Project Description
This program is for installing safety infrastructure for railroad crossings. The goal of this program is to provide safe railroad crossings and improve the quality of neighborhoods adjacent to railroads. Projects planned for 2023 include a local 20% match for a federal grant application to the Federal Railroad Administration for Railroad Crossing Safety Improvements. This funding is contingent upon awarding of the grant.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	1,000,000	-	-	-	-	-
Federal Sources	5,000,000	-	-	-	-	-
TOTAL	\$ 6,000,000	\$ -	\$ -	\$ -	\$ -	\$ -

Bicycle & Pedestrian Capital Budget

As of January 2023, our agency maintains a 2023 Capital Budget of \$10,334,000 across 9 Projects and Programs.

Project Summary:	Adopted	2023
Autumn Ridge Path		-
Badger Rusk Path		50,000
Bikeways Program		810,000
Capital City Path Segment 5 & 6		-
Hermina Street - Starkweather Creek Per		50,000
Main Street Improvements		300,000
Safe Routes Grants		100,000
Sidewalk Program		3,515,000
Troy Drive Railroad Bridge		4,411,000
West Towne Path - Phase 3		570,000
West Towne Path Phase 2		528,000
		<hr/>
		\$ 10,334,000

Badger Rusk Path

2023 Project Capital Budget
\$50,000

Project **Badger Rusk Path** Project # **14143**
 Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description

This project funds the construction of a new multi-use path along Badger Road and North Rusk Avenue from the existing beltline overpass to Nygard Street. This project has been identified in the Southside Neighborhood Plan. The project has been awarded federal funding through the Transportation Alternatives Program. Funding for 2023 is for design and 2025 is for construction.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	50,000	100,000	453,000	-	-	-
Federal Sources	-	-	667,000	-	-	-
TOTAL	\$ 50,000	\$ 100,000	\$ 1,120,000	\$ -	\$ -	\$ -

Hermina Street – Starkweather Creek Ped Bike Bridge

2023 Project Capital Budget
\$50,000

Project **Hermina Street - Starkweather Creek Ped Bike Bridge** Project # **13664**
Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description

This project funds the construction of a new pedestrian and bike overpass of the Starkweather Creek at Hermina Street. The goal of this project is to provide increased pedestrian and bicycle connectivity for the Darbo-Worthington-Starkweather neighborhood, as recommended in the Neighborhood Plan. Funding for design (\$50,000) is included in 2023. Funding for construction (\$500,000) was moved to 2024 via Finance Committee amendment #2 to allow more time for community engagement and planning.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	50,000	500,000	-	-	-	-
TOTAL	\$ 50,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -

Main Street Improvements



2023 Project Capital Budget
\$300,000

Project **Main Street Improvements** Project # **13015**
 Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description

This project funds the design and construction of an improved bike boulevard on West Main Street. The goal of the project is to increase bike and pedestrian mobility and improve connectivity to the surrounding neighborhoods. The project's scope includes a bike boulevard on West Main Street from Proudfit Street to Fairchild Street. Construction is planned for 2023. Federal Transportation Alternatives Program funding has been secured for the project. The local share of the project is funded by TIF.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Non-GF GO Borrowing	120,000	-	-	-	-	-
Federal Sources	180,000	-	-	-	-	-
TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -

Troy Drive Railroad Bridge

2023 Project Capital Budget

\$4,411,000

Project	Troy Drive Railroad Bridge	Project #	11868
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project funds the reconstruction of the railroad bridge over Troy Drive. The proposed bridge would span the right of way and allow for reconstruction of Troy Drive to include sidewalk on both sides and bike facilities. The goal of this project is to improve pedestrian and bicycle safety along Troy Drive.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	1,342,200	-	-	-	-	-
State Sources	3,068,800	-	-	-	-	-
TOTAL	\$ 4,411,000	\$ -	\$ -	\$ -	\$ -	\$ -

West Towne Path – Phase 3

2023 Project Capital Budget

\$570,000

Project	West Towne Path - Phase 3	Project #	13014
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project funds the design and construction of a new protected, multi-use path along Plaza Drive and Watts Road. The goal of the project is to increase bike and pedestrian mobility and improve connectivity to the surrounding neighborhoods. This project will complete the West Towne Path from Commerce Drive to S. Junction Road. Funding in 2023 is for construction. Federal Transportation Alternatives Program funding has been secured for the project.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	218,000	-	-	-	-	-
Federal Sources	352,000	-	-	-	-	-
TOTAL	\$ 570,000	\$ -	\$ -	\$ -	\$ -	\$ -

West Towne Path – Phase 2

2023 Project Capital Budget
\$528,000

Project **West Towne Path Phase 2** Project # **12614**
Citywide Element **Land Use and Transportation** Project Type **Project**

Project Description

This project funds the construction of a new multi use path from High Point Road to Gammon Road, and the project can be split into two phases; the first phase is from High Point Road to Zor Shrine Road in 2023, and the second phase from Zor Shrine Road to Gammon Road in 2028. The goal of the project is to increase bike and pedestrian mobility and improve connectivity to the surrounding neighborhoods. It is anticipated that this project will be awarded Federal Funds.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	528,000	-	-	-	-	1,000,000
TOTAL	\$ 528,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Bikeways Program

2023 Program Capital Budget
\$810,000

Project **Bikeways Program** Project # **10138**
 Citywide Element **Land Use and Transportation** Project Type **Program**

Project Description

This program is for bicycle-related improvements and path resurfacing throughout the City. The goal of this program is to improve the pavement quality of the existing bike paths to meet City standards. Projects within this program are prioritized based on pavement quality rating of existing bikeways. Focus of funding in 2023 will be for path resurfacing near/through Elver Park, and new paths to close gaps in the network.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	600,000	600,000	600,000	600,000	648,000	698,000
Transfer From Other Restricted	210,000	-	-	-	-	-
TOTAL	\$ 810,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 648,000	\$ 698,000

Safe Routes Grants

2023 Program Capital Budget

\$100,000

Project	Safe Routes Grants	Project #	11112
Citywide Element	Land Use and Transportation	Project Type	Program

Project Description

This program provides property owners with a grant that pays 50% of a property owner's sidewalk assessment for new installations. Eligible projects include those that install sidewalk adjacent to an existing street where the right of way was annexed prior to 1981 or where the properties were developed prior to being annexed to the City. The project must also be located in an area where the frontage is at least 70% single family or two family dwelling units.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	100,000	100,000	104,000	109,000	114,000	120,000
TOTAL	\$ 100,000	\$ 100,000	\$ 104,000	\$ 109,000	\$ 114,000	\$ 120,000

Sidewalk Program

2023 Program Capital Budget

\$3,515,000

Project	Sidewalk Program	Project #	10148
Citywide Element	Land Use and Transportation	Project Type	Program

Project Description

This program is for repairs to defective sidewalks and installation of new sidewalk. The goal of this program is to provide consistent maintenance of sidewalks for safe conditions and reduced chance of injury and also to improve and maintain ADA compliance. Each year the Sidewalk Program repairs sidewalk in two or three Aldermanic Districts on a 10-year replacement cycle. In 2023, this program has planned sidewalk improvements for Aldermanic Districts 12 & 18. This program also funds repair and replacement of the City's tree grates, as well as small infill sidewalk projects where gaps exist in the sidewalk network.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	2,315,000	2,326,000	2,419,000	2,540,000	2,667,000	2,800,000
Special Assessment	1,200,000	1,260,000	1,310,000	1,376,000	1,445,000	1,517,000
TOTAL	\$ 3,515,000	\$ 3,586,000	\$ 3,729,000	\$ 3,916,000	\$ 4,112,000	\$ 4,317,000

Engineering – Other Capital Budget

As of January 2023, our agency maintains a 2023 Capital Budget of \$2,415,000 across 4 Programs.

Project Summary: Adopted

	2023
Aerial Photo / Orthophotos	-
Equipment and Vehicle Replacement	2,025,000
PFAS Testing and Planning	50,000
Project Prioritization Tool	-
Right of Way Landscaping & Trees	175,000
Warning Sirens	-
Waste Oil Collection Sites	165,000
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	\$ 2,415,000

Equipment & Vehicle Replacement

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2023 Program Capital Budget

\$2,025,000

Project **Equipment and Vehicle Replacement** Project # **10576**
Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for the purchase of vehicles and equipment utilized by the Landfill, Sewer, and Stormwater Utilities. The goal of this program is to provide the necessary transportation and equipment resources for the services provided by these agencies. Vehicles funded include those to support construction and sewer cleaning, with an emphasis on purchase of electric vehicles.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	2,025,000	2,120,000	2,205,000	2,271,000	2,385,000	2,504,000
TOTAL	\$ 2,025,000	\$ 2,120,000	\$ 2,205,000	\$ 2,271,000	\$ 2,385,000	\$ 2,504,000

PFAS Testing & Planning



2023 Program Capital Budget
 \$50,000

Project **PFAS Testing and Planning** Project # **14352**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description
 This program provides funding for an external contract to conduct PFAS testing and mitigation planning at the Dane County airport, Air National Guard 115th Fighter Wing Base, and surrounding area.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	50,000	-	-	-	-	-
TOTAL	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -

Right of Way Landscaping & Trees

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2023 Program Capital Budget

\$175,000

Project **Right of Way Landscaping & Trees** Project # **11082**
Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for landscaping of existing boulevards and rights of way throughout the City. Historically, this has been for planting/replanting of flower/shrub beds; as the City moves to a more sustainable model, funds are primarily used to convert turf islands that are difficult for Parks staff to mow to a low maintenance ground cover of differing types that only require mowing one time per year or less. These ground covers have higher salt tolerance, and provide habitat for pollinators.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	175,000	180,000	187,000	193,000	200,000	207,000
TOTAL	\$ 175,000	\$ 180,000	\$ 187,000	\$ 193,000	\$ 200,000	\$ 207,000

Waste Oil Collection Sites

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2023 Program Capital Budget

\$165,000

Project **Waste Oil Collection Sites** Project # **11494**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for upgrading/replacing the City's four (4) Waste Oil collection sites. The goal of this program is to provide residents a safe convenient and free location to dispose of waste oil. Further, the City's operational goal is to maintain compliance with Wisconsin Department of Natural Resources standards and isolate any illicit dumping of waste oil containing polychlorinated biphenyls (PCBs). The last remaining site to upgrade, the Glenway collection site, is planned for 2023.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	165,000	-	-	-	-	125,000
TOTAL	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000

Sewer Utility Capital Budget

As of January 2023, our agency maintains a 2023 Capital Budget of \$5,879,000 across 7 Projects and Programs.

Project Summary: Adopted

	2023
Citywide Pumping Stations-Emergency Power S	58,000
Lift Station Rehabilitation and Replacement	274,000
Sewer Access Improvements	130,000
Sewer Backwater Valve Reimbursement	60,000
Sewer Impact Fee Districts	-
Sewer Reconstruction	597,000
Trenchless Sewer Rehabilitation	1,760,000
Utility Materials Handling Site	3,000,000
	<u>\$ 5,879,000</u>

Sewer Reconstruction

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2023 Program Capital Budget

\$597,000

Project
Citywide Element

Sewer Reconstruction
Green and Resilient

Project # **10267**
Project Type **Program**

Project Description

This program is for replacing old, problematic sewers throughout the City. The goal of this program is to alleviate emergency sewer repairs and backups by replacing the sewer infrastructure that is past its useful life. Projects included with this program are independent of the sewer replacement work included with the Reconstruct Streets and Pavement Management programs within the Major Streets budget. This program uses a case-by-case basis to evaluate the replacement of the sewers. The planned project for 2023 is a sewer replacement project located on the Oscar Mayer site west of the railroad tracks, which Engineering Operations discovered to be in disrepair.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	141,000	78,000	86,000	111,000	117,000	137,000
Revenue Bonds	451,000	192,000	210,000	321,000	337,000	340,000
Special Assessment	5,000	5,000	5,000	5,000	5,000	5,000
TOTAL	\$ 597,000	\$ 275,000	\$ 301,000	\$ 437,000	\$ 459,000	\$ 482,000

Trenchless Sewer Rehabilitation

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2023 Program Capital Budget

\$1,760,000

Project **Trenchless Sewer Rehabilitation** Project # **10450**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program funds the rehabilitation of failing sewers by lining the existing sewer mains using cameras and remote controlled tools. Some sewer mains are rehabilitated (or lined) to address inflow and infiltration problems. The goal of this program is to repair nine miles of sewer mains at selected locations based upon need; backyard sewer mains are prioritized.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	500,000	500,000	491,000	517,000	500,000	500,000
Revenue Bonds	1,260,000	1,260,000	1,233,000	1,293,000	1,400,000	1,495,000
TOTAL	\$ 1,760,000	\$ 1,760,000	\$ 1,724,000	\$ 1,810,000	\$ 1,900,000	\$ 1,995,000

Lift Station Rehabilitation and Replacement

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2023 Program Capital Budget

\$274,000

Project	Lift Station Rehabilitation and Replacement	Project #	10268
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program funds rehabilitation and replacement of the Sewer Utility's 30 wastewater lift stations and 9.4 miles of force mains. Three additional lift stations came into the City in October 2022 per the Town of Madison agreement. The goal of this program is to maintain system reliability and to reduce the number of backups or emergency incidents. The overall funding to this program has increased \$688,000 from 2023-2027 as a direct result of bids for lift station replacements being higher than observed in previous years. The adopted budget increases the 2023 appropriation by \$50,000 to reflect the City taking ownership of the Badger Lane Lift Station from the Town of Madison, per Common Council amendment #8. This additional expenses is funded through sewer reserves and payment from the City of Fitchburg.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	134,000	322,000	317,000	192,000	172,000	181,000
Revenue Bonds	100,000	600,000	500,000	500,000	-	-
TOTAL	\$ 274,000	\$ 922,000	\$ 817,000	\$ 692,000	\$ 172,000	\$ 181,000

Citywide Pumping Stations – Emergency Power Stationary Generators



2023 Program Capital Budget
\$58,000

Project **Citywide Pumping Stations-Emergency Power Stationary Generators** Project # **11510**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program funds the installation of emergency power stationary generators at the City’s pumping stations. The goal of the program is to ensure continuous sanitary sewer service in the event of power loss. Funding in 2023 is for work at the American Family Lift Station and Cherokee No. 2 Lift Station.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	58,000	58,000	58,000	60,000	63,000	66,000
TOTAL	\$ 58,000	\$ 58,000	\$ 58,000	\$ 60,000	\$ 63,000	\$ 66,000

Utility Materials Handling Site



2023 Project Capital Budget

\$3,000,000

Project	Utility Materials Handling Site	Project #	13599
Citywide Element	Green and Resilient	Project Type	Project

Project Description

This program is for creation of a new disposal site for the Sanitary Sewer, Stormwater, and Water Utilities, allowing for the disposal of excess cut from repair operations and to allow for the dewatering of dredge sediments from pond maintenance operations. Once dewatered, the majority of material is expected to be moved to the Dane County Landfill to be used for daily cover and haul roads. The Utilities' current disposal site is running out of fill area, and with the planned increase in dredging of stormwater retention facilities/ponds as required for compliance with the City's EPA Wisconsin Pollutant Discharge Elimination System (WPDES) discharge permit, the current drying bed, the Madison Metropolitan Sewerage District Drying Bed, is becoming too small. Sewer Utility will own the site and Stormwater Utility and Water Utility will annually pay for their usage of it.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Revenue Bonds	3,000,000	300,000	-	-	-	-
TOTAL	\$ 3,000,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -

Sewer Access Improvements

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2023 Program Capital Budget

\$130,000

Project **Sewer Access Improvements** Project # **10437**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for sewer maintenance access roads, trails, paths and easement acquisitions where access to sanitary sewer access structures is not already well established. The goal of this program is to provide City Operations crews with safe access to maintain the City's sanitary sewer system.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	130,000	130,000	135,000	142,000	149,000	156,000
TOTAL	\$ 130,000	\$ 130,000	\$ 135,000	\$ 142,000	\$ 149,000	\$ 156,000

Sewer Backwater Valve Reimbursement

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2023 Program Capital Budget

\$60,000

Project	Sewer Backwater Valve Reimbursement	Project #	13568
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program funds the reimbursement of property owners for a sewer backwater valve installation. Sewer backwater valves are installed on the sewer lateral either inside the home or on the property between the home and the City sewer main. With this program, the City reimburses property owners 75% of the installation costs up to \$1,500, provided that property owners go through the application process, pass the City plumber on-site pre-inspection, and receive 3 bids from contractors. The goal of the program is to provide additional protection to private property for unplanned sanitary sewer backups.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	60,000	40,000	40,000	40,000	40,000	42,000
TOTAL	\$ 60,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 42,000

Stormwater Utility Capital Budget

As of January 2023, our agency maintains a 2023 Capital Budget of \$8,723,000 across 4 Programs.

Project Summary: Adopted

	2023
Citywide Flood Mitigation	4,460,000
Storm Sewer System Improvements	210,000
Stormwater Quality System Improvements	3,660,000
Street Cleaning Equipment - Streets	393,000
	\$ 8,723,000

Citywide Flood Mitigation

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2023 Program Capital Budget

\$4,460,000

Project **Citywide Flood Mitigation**
Citywide Element **Green and Resilient**

Project # **11513**
Project Type **Program**

Project Description

This program is for stormwater network improvements where flooding occurs during large rain events. The goal of the program is to mitigate or eliminate flooding and protect property from damage. Projects planned in 2023 include: construction of the Mendota Grassman Greenway, Lower Badger Mill Creek Pond, and the preliminary designs for West Towne Pond and Old Sauk Trails Business Park Pond and greenways. This program also supports design of pond improvements and flood mitigation installations that are scheduled with street reconstruction projects. The 2023 budget reflects the removal of the Eastwood Project from the schedule, which reduces GO Borrowing by \$1.6 million and Stormwater Reserves by \$200,000 via Finance Committee amendment #3. The adopted budget also adds \$700,000 in GO Borrowing and \$150,000 in stormwater reserves to fund work on the Robin Greenway via Finance Committee amendment #4.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Non-GF GO Borrowing	2,280,000	2,010,000	1,660,000	210,000	310,000	2,050,000
Impact Fees	330,000	600,000	-	-	-	-
Reserves Applied	350,000	500,000	500,000	500,000	400,000	400,000
State Sources	1,500,000	7,150,000	500,000	-	-	-
TOTAL	\$ 4,460,000	\$ 10,260,000	\$ 2,660,000	\$ 710,000	\$ 710,000	\$ 2,450,000

Stormwater Quality System Improvements

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2023 Program Capital Budget

\$3,660,000

Project **Stormwater Quality System Improvements** Project # **11665**
Citywide Element **Green and Resilient** Project Type **Program**

Project Description

The goal of this program is to improve the quality of the stormwater entering our streams, rivers and lakes. Projects within the program are prioritized annually and include: greenway reconstructions, storm water pond improvements, shoreline restoration, and urban water quality projects. Smaller projects include rain gardens with street reconstruction and dredging. Many stormwater quality projects will be coupled with regional flood mitigation projects and grants will be sought to help leverage additional funding mechanisms. In addition, this program will help the City to comply with its Wisconsin Department of Natural Resources (WDNR)/Environmental Protection Agency (EPA) stormwater discharge permit.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Non-GF GO Borrowing	3,044,000	2,092,500	1,408,500	1,305,000	685,000	800,000
Reserves Applied	366,000	232,500	156,500	145,000	465,000	200,000
State Sources	250,000	-	-	-	3,500,000	1,000,000
TOTAL	\$ 3,660,000	\$ 2,325,000	\$ 1,565,000	\$ 1,450,000	\$ 4,650,000	\$ 2,000,000

Storm Sewer System Improvements

Gr
Green &
Resilient

2023 Program Capital Budget

\$210,000

Project **Storm Sewer System Improvements** Project # **11664**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for improvements to the storm sewer network. The goal of this program is to ensure a reliable storm sewer system for City residents. Projects planned in 2023 include cured in place piping (CIPP) and the annual waterway improvement projects, which consist of various low cost improvements to enhance the stormwater network that will be constructed by operations staff.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	210,000	270,000	210,000	210,000	210,000	210,000
TOTAL	\$ 210,000	\$ 270,000	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000

Street Cleaning Equipment - Streets

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2023 Program Capital Budget

\$393,000

Project **Street Cleaning Equipment - Streets** Project # **10554**
 Citywide Element **Green and Resilient** Project Type **Program**

Project Description

This program is for replacing existing street sweeping machines operated by the Streets Division. The City's street sweeping equipment life cycle is five years with interim maintenance. The goal of this program is to reduce the discharge of pollutants and suspended solids to the lakes by removing material from the streets surface before it is mixed with storm water runoff. Funding in 2023 will be used to replace one vacuum sweeper and three toolcat dustbins. Funding in 2024-2026 include replacement of two mechanical sweepers per year. Funding in 2027 includes replacement of one vacuum sweeper and one mechanical sweeper. Funding in 2028 includes replacement of one vacuum sweeper.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Reserves Applied	393,000	503,000	576,000	616,000	816,000	520,000
TOTAL	\$ 393,000	\$ 503,000	\$ 576,000	\$ 616,000	\$ 816,000	\$ 520,000

Engineering Division Additional Budget Resources



People - Places - Possibilities

CITY OF MADISON

Upcoming Budget Concerns

The following budget concerns are important for Alders to be aware of:

- Inflation has increased project costs; some 2023 projects will be pushed to 2024.
- Attracting new employees has been challenging in current economy. City's wage scale for technical positions is not competitive with private sector or MMSD.
- Current SWU rates will not support all improvements identified by Watershed Studies.

Engineering Division Budget Resources

- 2023 Adopted Operating Budget links
 - [Engineering](#)
 - [Landfill](#)
 - [Sewer Utility](#)
 - [Storm Utility](#)
- 2023 Adopted Capital Budget links
 - [Facilities Management](#)
 - [Major Streets](#)
 - [Bicycle & Pedestrian](#)
 - [Sewer Utility](#)
 - [Stormwater Utility](#)

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