

Sewer Utility

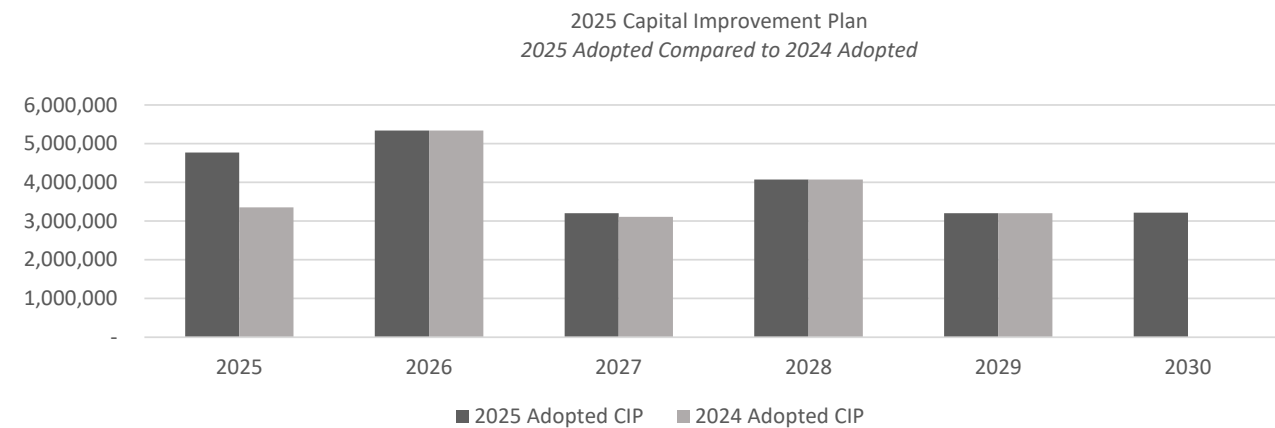
Capital Improvement Plan (CIP) Overview

Budget Phase: Adopted

Summary Table

	2025	2026	2027	2028	2029	2030
Citywide Pumping Stations-Emergency Power Stationary Generators	61,000	63,000	66,000	69,000	72,000	75,000
Lift Station & Force Main Rehabilitation and Replacement	1,390,000	950,000	485,000	260,000	260,000	273,000
Sewer Access Improvements	82,000	142,000	149,000	156,000	156,000	156,000
Sewer Backwater Valve Reimbursement	40,000	40,000	40,000	42,000	42,000	42,000
Sewer Impact Fee Districts	20,000	1,500,000	20,000	1,000,000	-	-
Sewer Reconstruction	1,695,000	448,000	452,000	452,000	472,000	472,000
Trenchless Sewer Rehabilitation	1,435,000	1,900,000	1,995,000	2,095,000	2,199,000	2,199,000
Utility Materials Handling Site	50,000	300,000	-	-	-	-
	\$ 4,773,000	\$ 5,343,000	\$ 3,207,000	\$ 4,074,000	\$ 3,201,000	\$ 3,217,000

Changes from 2024 Adopted CIP



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Capital Improvement Plan (CIP) Overview

Description of Major Changes

Citywide Pumping Stations-Emergency Power Stationary Generators

- No major changes compared to 2024 Adopted CIP.

Lift Station & Force Main Rehabilitation and Replacement

- Program budget increased by \$600,000 from 2025 to 2029. This reflects a 21.9% increase compared to the 2024 Adopted CIP.
- Program budget increased by \$500,000 in Revenue Bonds in 2025. This reflects a 56.2% increase in funding in 2025 compared to the 2024 Adopted CIP.
- Program budget increased by \$100,000 in Reserves Applied in 2027. This reflects a 26.0% increase in funding in 2027 compared to the 2024 Adopted CIP.
- Program name changed to from "Lift Station Rehabilitation and Replacement" to "Lift Station & Force Main Rehabilitation and Replacement."

Sewer Access Improvements

- Program budget decreased by \$53,000 (39.3%) in Reserves Applied in 2025.

Sewer Backwater Valve Reimbursement

- No major changes compared to 2024 Adopted CIP.

Sewer Impact Fee Districts

- No major changes compared to 2024 Adopted CIP.

Sewer Reconstruction

- Program budget increased by \$1.3 million in 2025. This reflects a 323.8% increase in 2025 compared to the 2024 Adopted CIP.
- \$714,000 in Non-General Fund GO Borrowing (TID 54) added in 2025 to support the Fordem Ave to First St relief sewer project.
- \$750,000 in Special Assessments added in 2025 to support the S Patterson St sewer project.
- \$129,000 in Revenue Bonds and \$40,000 in Reserves Applied removed in 2025.

Trenchless Sewer Rehabilitation

- Finance Committee Amendment #3 decreased Reserves Applied by \$375,000 in 2025 to fund a net-neutral increase in the Engineering - Facilities Management Engineering Service Building Improvements program (Munis #10192).

Utility Materials Handling Site

- Project budget increased by \$50,000 in Reserves Applied in 2025 for design of disposal site.

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Summary of Expenditures and Revenues

2025 CIP by Expenditure Type

	2025	2026	2027	2028	2029	2030
Land	82,000	142,000	149,000	156,000	156,000	156,000
Land Improvements	50,000	300,000	-	-	-	-
Sanitary Sewer	4,641,000	4,901,000	3,058,000	3,918,000	3,045,000	3,061,000
	\$ 4,773,000	\$ 5,343,000	\$ 3,207,000	\$ 4,074,000	\$ 3,201,000	\$ 3,217,000

2025 CIP by Funding Source

	2025	2026	2027	2028	2029	2030
Non-GF GO Borrowing	714,000	-	-	-	-	-
Impact Fees	-	1,500,000	-	1,000,000	-	-
Reserves Applied	779,000	1,235,000	1,257,000	1,152,000	1,369,000	1,385,000
Revenue Bonds	2,525,000	2,603,000	1,945,000	1,917,000	1,827,000	1,827,000
Special Assessment	755,000	5,000	5,000	5,000	5,000	5,000
	\$ 4,773,000	\$ 5,343,000	\$ 3,207,000	\$ 4,074,000	\$ 3,201,000	\$ 3,217,000

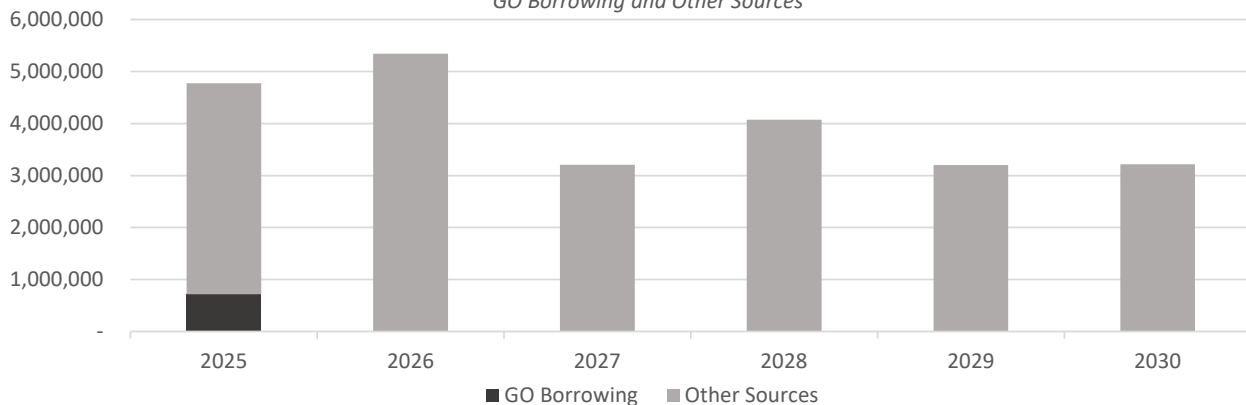
Borrowing Summary

	2025	2026	2027	2028	2029	2030
General Fund GO Borrowing	-	-	-	-	-	-
Non-General Fund GO Borrowing	714,000	-	-	-	-	-
	\$ 714,000	\$ -	\$ -	\$ -	\$ -	\$ -

Annual Debt Service

	2025	2026	2027	2028	2029	2030
General Fund GO Borrowing	-	-	-	-	-	-
Non-General Fund GO Borrowing	92,820	-	-	-	-	-
	\$ 92,820	\$ -	\$ -	\$ -	\$ -	\$ -

Adopted Budget by Funding Source
GO Borrowing and Other Sources



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Carryforward General Obligation Borrowing

	Unused Appropriation Authority	Reauthorized GO Borrowing
11984 ATWOOD AVE RECONSTRUCTION	68,764	-
13838 BLAIR ST	110,576	-
10142 CANNONBALL BIKE TRAIL	1,968,835	-
13013 CTH AB INTERCHANGE	21,275	-
11543 E WILSON ST AND E DOTY ST	826,000	-
10576 EQUIPMENT AND VEHICLES	1,448,931	-
12454 HIGH POINT RD AND RAYMOND RD	19,229	-
10268 LIFT STATION REHABILITATIONS	1,055,557	-
10540 PAVEMENT MANAGEMENT	3,480,813	-
10284 PLEASANT VIEW ROAD	22,219	-
11510 PUMP STATION EMERGENCY GENERATORS	60,332	-
10226 RECONSTRUCTION STREETS	2,533,909	-
11133 S PARK ST (OLIN TO RR)	5,000	-
10192 SERVICE BUILDING IMPROVEMENTS	421,287	-
10437 SEWER ACCESS IMPROVEMENTS	207,976	-
13568 SEWER BACKWATER VALVE PROGRAM	40,000	-
11678 SEWER IMPACT FEE DISTRICTS	5,890,605	-
10267 SEWER RECONSTRUCTION	1,805,204	-
10450 TRENCHLESS SEWER REHABILITATION	2,365,753	-
11168 UNIVERSITY AVE (SHOREWOOD-UNIV BAY)	(1,815)	-
13599 UTILITY MATERIALS HANDLING SITE	3,032,157	-
	\$ 25,382,603	\$ -

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Project & Program Details

Project	Citywide Pumping Stations-Emergency Power Stationary Generators	Project #	11510
Citywide Element	Effective Government	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 2025 is for work at the Hermina Lift Station and Waunona No.2 Lift Station. These project were previously planned in 2024 but were delayed as a result of the American Family Lift Station generator costing more than was planned. As a result, all of the emergency generator projects planned with the 2024 CIP were delayed by 1 year.

	2025	2026	2027	2028	2029	2030
Reserves Applied	61,000	63,000	66,000	69,000	72,000	75,000
Total	\$ 61,000	\$ 63,000	\$ 66,000	\$ 69,000	\$ 72,000	\$ 75,000

Project	Lift Station & Force Main Rehabilitation and Replacement	Project #	10268
Citywide Element	Effective Government	Project Type	Program

Project Description

This program funds rehabilitation and replacement of the Sewer Utility's force mains and 33 wastewater lift stations. The goal of this program is to maintain system reliability and to reduce the number of back-ups or emergency incidents. Projects to be constructed in 2025 will include the replacement/ rehabilitation of the Badger Lift Station and Lake Forest Lift Station.

	2025	2026	2027	2028	2029	2030
Revenue Bonds	1,060,000	600,000	120,000	-	-	-
Reserves Applied	330,000	350,000	365,000	260,000	260,000	273,000
Total	\$ 1,390,000	\$ 950,000	\$ 485,000	\$ 260,000	\$ 260,000	\$ 273,000

Project	Sewer Access Improvements	Project #	10437
Citywide Element	Effective Government	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.

	2025	2026	2027	2028	2029	2030
Reserves Applied	82,000	142,000	149,000	156,000	156,000	156,000
Total	\$ 82,000	\$ 142,000	\$ 149,000	\$ 156,000	\$ 156,000	\$ 156,000

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Project & Program Details

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.

	2025	2026	2027	2028	2029	2030
Reserves Applied	40,000	40,000	40,000	42,000	42,000	42,000
Total	\$ 40,000	\$ 40,000	\$ 40,000	\$ 42,000	\$ 42,000	\$ 42,000

Project	Sewer Impact Fee Districts	Project #	11678
Citywide Element	Effective Government	Project Type	Program

Project Description

This program is for the extension of sanitary sewer service to developing areas. This program also includes sanitary sewer infrastructure upgrades related to density increased within the Transit-Oriented Development Overlay Zoning corridor. The program is funded primarily by Impact Fees, and review for planned projects is conducted annually as dictated by demand for development.

	2025	2026	2027	2028	2029	2030
Impact Fees	-	1,500,000	-	1,000,000	-	-
Reserves Applied	20,000	-	20,000	-	-	-
Total	\$ 20,000	\$ 1,500,000	\$ 20,000	\$ 1,000,000	\$ -	\$ -

Project	Sewer Reconstruction	Project #	10267
Citywide Element	Green and Resilient	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. Coordination for the replacement of these sewers often is completed with the Reconstruct Streets and Pavement Management programs within the Engineering - Major Streets budget. This program uses a case-by-case basis to evaluate the replacement of the sewers. The planned projects for 2025 are 1) Fordem Ave to First Street relief sewer and 2) S. Paterson St. Both of these projects are necessary as a result of wastewater generated by proposed development at 1617 Sherman Ave. (327 units, 425 bedrooms) and 826 Williamson (188 units, 232 bedrooms) which will result in wastewater flows exceeding the City's current sewer capacity.

	2025	2026	2027	2028	2029	2030
Non-GF GO Borrowing	714,000	-	-	-	-	-
Special Assessment	755,000	5,000	5,000	5,000	5,000	5,000
Revenue Bonds	146,000	320,000	330,000	322,000	327,000	327,000
Reserves Applied	80,000	123,000	117,000	125,000	140,000	140,000
Total	\$ 1,695,000	\$ 448,000	\$ 452,000	\$ 452,000	\$ 472,000	\$ 472,000

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Project & Program Details

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.

	2025	2026	2027	2028	2029	2030
Revenue Bonds	1,319,000	1,383,000	1,495,000	1,595,000	1,500,000	1,500,000
Reserves Applied	116,000	517,000	500,000	500,000	699,000	699,000
Total	\$ 1,435,000	\$ 1,900,000	\$ 1,995,000	\$ 2,095,000	\$ 2,199,000	\$ 2,199,000

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

Project Description

This project 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.

	2025	2026	2027	2028	2029	2030
Revenue Bonds	-	300,000	-	-	-	-
Reserves Applied	50,000	-	-	-	-	-
Total	\$ 50,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -

Sewer Utility

2025 Appropriation Schedule

2025 Appropriation

	Request	Executive	Adopted Budget		Total
			GO Borrowing	Other	
Citywide Pumping Stations-Emergency Power					
Stationary Generators	61,000	61,000	-	61,000	61,000
Lift Station & Force Main Rehabilitation and	1,390,000	1,390,000	-	1,390,000	1,390,000
Sewer Access Improvements	82,000	82,000	-	82,000	82,000
Sewer Backwater Valve Reimbursement	40,000	40,000	-	40,000	40,000
Sewer Impact Fee Districts	20,000	20,000	-	20,000	20,000
Sewer Reconstruction	1,695,000	1,695,000	714,000	981,000	1,695,000
Trenchless Sewer Rehabilitation	1,810,000	1,810,000	-	1,435,000	1,435,000
Utility Materials Handling Site	50,000	50,000	-	50,000	50,000
	\$ 5,148,000	\$ 5,148,000	\$ 714,000	\$ 4,059,000	\$ 4,773,000