

Stormwater Utility

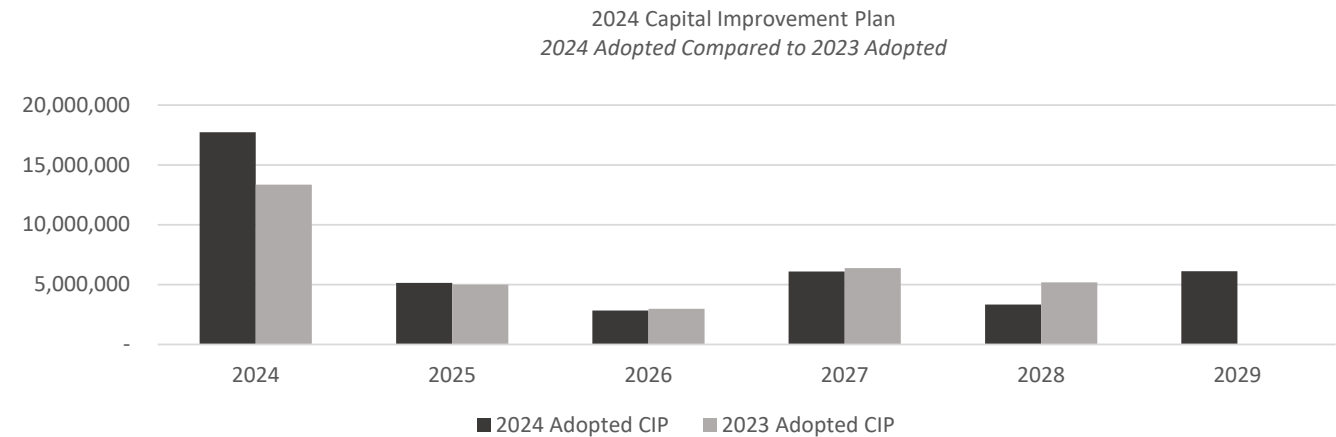
Capital Improvement Plan (CIP) Overview

Budget Phase: Adopted

Summary Table

	2024	2025	2026	2027	2028	2029
Citywide Flood Mitigation	15,210,000	2,740,000	1,010,000	260,000	1,710,000	1,360,000
Lower Badger Mill Creek Pond at Mineral Point Rd	-	-	-	-	-	1,800,000
Storm Sewer System Improvements	445,000	180,000	180,000	180,000	190,000	210,000
Stormwater Quality System Improvements	1,530,000	1,540,000	1,005,000	400,000	900,000	1,975,000
Street Cleaning Equipment - Streets	557,000	596,000	638,000	824,000	526,000	780,000
Warner Lagoon Dredging	-	80,000	-	4,420,000	-	-
	\$ 17,742,000	\$ 5,136,000	\$ 2,833,000	\$ 6,084,000	\$ 3,326,000	\$ 6,125,000

Changes from 2023 Adopted CIP



Description of Major Changes

Citywide Flood Mitigation

- Total program budget increased \$4.1 million in 2024-2028 compared to the 2023 Adopted CIP. This reflects a 24.7% increase.
- Program budget increased by \$5.6 million in Non-GF GO Borrowing in 2024-2028 (\$5.2 million in TIF-supported borrowing, \$390,000 in Stormwater-supported borrowing).
- Program budget increased by \$7.0 million in Federal Sources in 2024 and decreased by \$7.7 million in State Sources in 2024-2025 to reflect potential grant awards.
- Program budget decreased by \$600,000 in Impact Fees and \$200,000 in Reserves Applied compared to the 2023 Adopted CIP.

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Capital Improvement Plan (CIP) Overview

Description of Major Changes (Continued)

Lower Badger Mill Creek Pond at Mineral Point Rd

- New project. Adopted Budget includes \$1.8 million in Impact Fees in 2029.
- This project was separated from the Citywide Flood Mitigation program due to its size.

Storm Sewer System Improvements

- Program budget increased by \$65,000 in Reserves Applied from 2024-2028. This reflects a 5.9% increase.

Stormwater Quality System Improvements

- Program budget decreased by \$6.6 million from 2024-2028 compared to the 2023 Adopted CIP (\$2.4 million decrease in Non-GF GO Borrowing, \$4.4 million decrease in State Sources, \$41,000 increase in Reserves Applied, \$100,000 increase in County Sources). This reflects a 55.2% decrease.
- Reductions are due to funding being moved to other projects and programs within the Stormwater CIP and do not reflect a reduction in planned services.

Street Cleaning Equipment - Streets

- Program budget increased by \$110,000 in Reserves Applied from 2024-2028. This reflects a 3.6% increase.

Warner Lagoon Dredging

- New project. The 2023 Adopted CIP included partial funding within the "Stormwater Quality Systems Improvement" program; the 2024 Adopted CIP reflects the full project and creates a standalone project due to its size.
- Adopted budget includes \$80,000 in Non-GF GO Borrowing in 2025 and \$4.42 million in Non-GF GO Borrowing, State Sources (grants), and Private Contributions/Donations in 2027. Common Council Amendment #10 advanced the project timeline from 2029 to fund design in 2025 and work on the dredging project in 2027.

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Summary of Expenditures and Revenues

2024 CIP by Expenditure Type

	2024	2025	2026	2027	2028	2029
Land	-	-	-	-	-	1,800,000
Machinery and Equipment	557,000	596,000	638,000	824,000	526,000	780,000
Stormwater Network	17,185,000	4,540,000	2,195,000	5,260,000	2,800,000	3,545,000
	\$ 17,742,000	\$ 5,136,000	\$ 2,833,000	\$ 6,084,000	\$ 3,326,000	\$ 6,125,000

2024 CIP by Funding Source

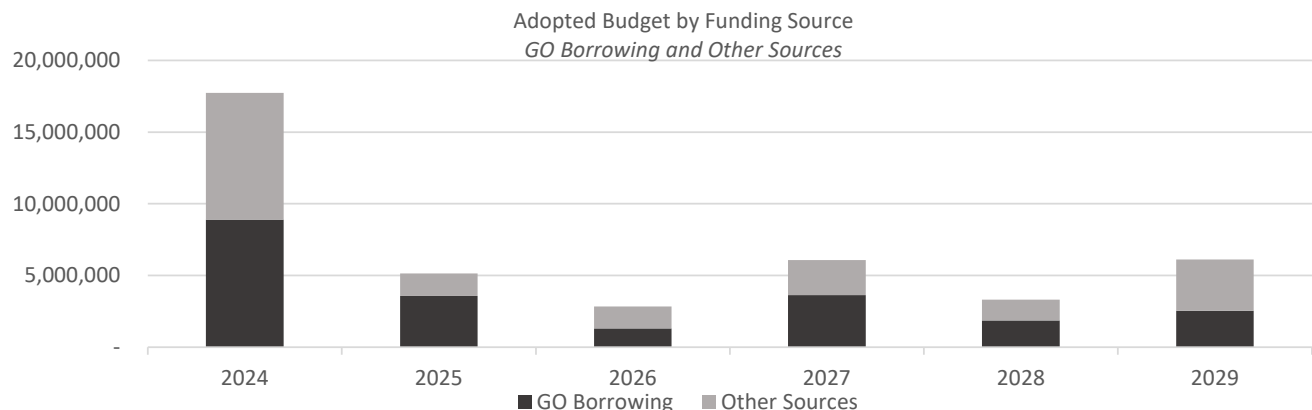
	2024	2025	2026	2027	2028	2029
Non-GF GO Borrowing	8,890,000	3,570,000	1,315,000	3,630,000	1,860,000	2,545,000
County Sources	100,000	-	-	-	-	-
Federal Sources	7,000,000	-	-	-	-	-
Impact Fees	-	-	-	-	-	1,800,000
Private Contribution/Donation	-	-	-	500,000	-	-
Reserves Applied	1,652,000	1,566,000	1,518,000	1,454,000	1,466,000	1,780,000
State Sources	100,000	-	-	500,000	-	-
	\$ 17,742,000	\$ 5,136,000	\$ 2,833,000	\$ 6,084,000	\$ 3,326,000	\$ 6,125,000

Borrowing Summary

	2024	2025	2026	2027	2028	2029
General Fund GO Borrowing	-	-	-	-	-	-
Non-General Fund GO Borrowing	8,890,000	3,570,000	1,315,000	3,630,000	1,860,000	2,545,000
	\$ 8,890,000	\$ 3,570,000	\$ 1,315,000	\$ 3,630,000	\$ 1,860,000	\$ 2,545,000

Annual Debt Service

	2024	2025	2026	2027	2028	2029
General Fund GO Borrowing	-	-	-	-	-	-
Non-General Fund GO Borrowing	1,155,700	464,100	170,950	471,900	241,800	330,850
	\$ 1,155,700	\$ 464,100	\$ 170,950	\$ 471,900	\$ 241,800	\$ 330,850



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Carryforward General Obligation Borrowing

	Unused Appropriation Authority	Reauthorized GO Borrowing
11984 ATWOOD AVE RECONSTRUCTION	332,905	400,000
10138 BIKEWAYS PROGRAM	2,000,000	1,900,000
10142 CANNONBALL BIKE TRAIL	73,346	-
10143 CAPITAL CITY TRAIL	50,000	35,000
11513 CITYWIDE FLOOD MITIGATION	7,755,436	1,930,440
10576 EQUIPMENT AND VEHICLES	172,490	-
10312 GREENWAY IMPROVEMENTS	132,195	-
10948 LOWER BADGER MILL CREEK WATERSHED	570,103	225,000
10540 PAVEMENT MANAGEMENT	1,807,517	960,909
10226 RECONSTRUCTION STREETS	3,311,992	2,747,825
11133 S PARK ST (OLIN TO RR)	20,000	-
10192 SERVICE BUILDING IMPROVEMENTS	270,268	268,500
10334 STARKWEATHER CREEK WATERSHED	89,032	345,000
11664 STORM SEWER SYSTEM IMPROVEMENTS	168,731	-
11665 STORMWATER QUALITY SYSTEM IMPROV	5,078,625	4,057,891
10554 STREET CLEANING EQUIPMENT	128,853	-
11868 TROY DR UNDERPASS	30,000	-
11168 UNIVERSITY AVE (SHOREWOOD-UNIV BAY)	3,310,866	2,496,000
11459 WILSON ST (MLK - S HAMILTON)	3,346	-
	25,305,706	15,366,566

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Project & Program Details

Project	Citywide Flood Mitigation	Project #	11513
Citywide Element	Effective Government	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 2024 include: major projects for the Pheasant Branch Greenway Enhancement Project (previously "Old Sauk Trails Business Park Flood Mitigation"), Schroeder Road Flood Mitigation, West Towne Pond, and other local flood mitigation projects. This program supports design of pond improvements and flood mitigation installations that are scheduled with street reconstruction projects.

	2024	2025	2026	2027	2028	2029
Non-GF GO Borrowing	7,810,000	2,240,000	510,000	60,000	1,210,000	860,000
Federal Sources	7,000,000	-	-	-	-	-
Reserves Applied	400,000	500,000	500,000	200,000	500,000	500,000
Total	\$ 15,210,000	\$ 2,740,000	\$ 1,010,000	\$ 260,000	\$ 1,710,000	\$ 1,360,000

Project	Lower Badger Mill Creek Pond at Mineral Point Rd	Project #	14718
Citywide Element	Green and Resilient	Project Type	Project

Project Description

The Lower Badger Mill Creek Regional pond is part of the Lower Badger Mill Creek Impact Fee District. Development in this vicinity will allow the City to purchase the property and construct the pond in conjunction with the development that is occurring. Funding of the improvements will come from impact fees.

	2024	2025	2026	2027	2028	2029
Impact Fees	-	-	-	-	-	1,800,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000

Project	Storm Sewer System Improvements	Project #	11664
Citywide Element	Effective Government	Project Type	Program

Project Description

This program is for improvements to the storm sewer network. The goal of the program is to ensure a reliable storm sewer system for City residents. Projects planned in 2024 include Burrows Park storm sewer, which will be constructed in coordination with the Parks Division parking lot repaving; cured in place piping (CIPP); and, the annual waterways improvement projects, which consists of various low cost improvements to enhance the stormwater networks that will be constructed by Engineering Operations staff.

	2024	2025	2026	2027	2028	2029
Reserves Applied	445,000	180,000	180,000	180,000	190,000	210,000
Total	\$ 445,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 190,000	\$ 210,000

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Project & Program Details

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, stormwater pond improvements, shoreline restoration and urban water quality projects. Smaller projects include rain gardens with street reconstructions 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. Projects in 2024 include funding for the Willow Creek Dredging and restoration in conjunction with the UW Madison and Dane County, reconstruction of the Yahara River shoreline at Burr Jones Park and numerous smaller stormwater quality improvements incorporated with street reconstruction projects or as smaller standalone projects.

	2024	2025	2026	2027	2028	2029
Non-GF GO Borrowing	1,080,000	1,250,000	805,000	150,000	650,000	1,685,000
County Sources	100,000	-	-	-	-	-
Reserves Applied	250,000	290,000	200,000	250,000	250,000	290,000
State Sources	100,000	-	-	-	-	-
Total	\$ 1,530,000	\$ 1,540,000	\$ 1,005,000	\$ 400,000	\$ 900,000	\$ 1,975,000

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 the stormwater runoff. Funding in 2024-2026 will be used to replace 2 mechanical sweepers per year; in 2027, 1 vacuum Sweeper and 1 mechanical sweeper will be replaced; in 2028, 1 vacuum sweeper will be replaced; and in 2029, 2 mechanical sweepers will be replaced.

	2024	2025	2026	2027	2028	2029
Reserves Applied	557,000	596,000	638,000	824,000	526,000	780,000
Total	\$ 557,000	\$ 596,000	\$ 638,000	\$ 824,000	\$ 526,000	\$ 780,000

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Project & Program Details

Project	Warner Lagoon Dredging	Project #	14717
Citywide Element	Green and Resilient	Project Type	Project

Project Description

This project is to dredge Warner Park Lagoon, as part of the key recommendations from the Warner Lagoon Water Quality Planning Report, which will meet the primary goals of the Lagoon plan (maintain or improve recreational opportunities, improve water quality, improve and maintain habitat and increase educational opportunities). Warner Lagoon is a degraded and hypereutrophic (nutrient rich) waterbody at the lowermost portion of a 1024 acre watershed. The waters within the Lagoon will continue to deteriorate if not addressed, however, if appropriate measures are taken, water quality, water clarity, and pan fish habitat can be significantly improved.

	2024	2025	2026	2027	2028	2029
Non-GF GO Borrowing	-	80,000	-	3,420,000	-	-
Private						
Contribution/Donation	-	-	-	500,000	-	-
State Sources	-	-	-	500,000	-	-
Total	\$ -	\$ 80,000	\$ -	\$ 4,420,000	\$ -	\$ -

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2024 Appropriation Schedule

2024 Appropriation

	Request	Executive	Adopted Budget		Total
			GO Borrowing	Other	
Citywide Flood Mitigation	15,210,000	15,210,000	7,810,000	7,400,000	15,210,000
Storm Sewer System Improvements	445,000	445,000	-	445,000	445,000
Stormwater Quality System Improvements	1,530,000	1,530,000	1,080,000	450,000	1,530,000
Street Cleaning Equipment - Streets	557,000	557,000	-	557,000	557,000
	\$ 17,742,000	\$ 17,742,000	\$ 8,890,000	\$ 8,852,000	\$ 17,742,000