

# Stormwater Utility

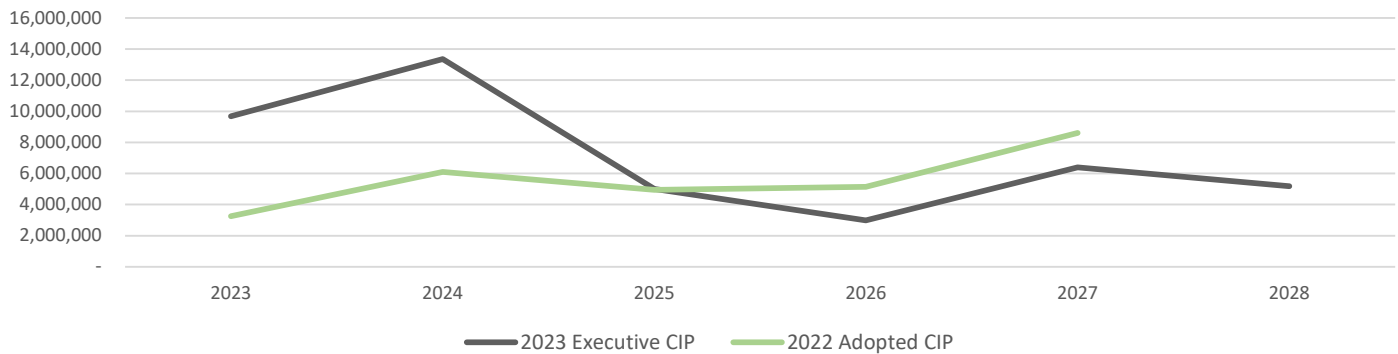
## Capital Improvement Plan

Project Summary: Executive

	2023	2024	2025	2026	2027	2028
Citywide Flood Mitigation	5,410,000	10,260,000	2,660,000	710,000	710,000	2,450,000
Storm Sewer System Improvements	210,000	270,000	210,000	210,000	210,000	210,000
Stormwater Quality System Improvements	3,660,000	2,325,000	1,565,000	1,450,000	4,650,000	2,000,000
Street Cleaning Equipment - Streets	393,000	503,000	576,000	616,000	816,000	520,000
	<b>\$ 9,673,000</b>	<b>\$ 13,358,000</b>	<b>\$ 5,011,000</b>	<b>\$ 2,986,000</b>	<b>\$ 6,386,000</b>	<b>\$ 5,180,000</b>

### Changes from 2022 CIP

2023 Capital Improvement Plan  
2023 Executive vs. 2022 Adopted



### Major Changes

- **Citywide Flood Mitigation**
  - Program budget increased by \$9.6m from 2023 through 2027, including a \$1.7m increase in Non-GF GO Borrowing and a \$8.2m increase in state funding, to support the Schroeder Road Flood Mitigation project, Glenwood Children's Park Arch repair, and the Old Sauk Business Park Flood Mitigation efforts
- **Stormwater Quality System Improvements**
  - Program budget for Storm borrowing increased by \$3.3m for the 2023-2027 period. Storm Reserves decreased by \$500k and State Sources decreased by \$3.8m, resulting in a net program reduction of \$1.0m from 2023 through 2027. This was due to adding funding for Giddings shoreline, Wexford dredge, increased funds for Lower Badger Mill Creek, and additional funds for Mendota Grassman Greenway, and removing funding for Mendota Spring Harbor Greenway in 2025 and 2026.
- **Street Cleaning Equipment**
  - Program budget increased by \$608k from 2023 through 2027 to reflect supply chain issues increasing costs

# Stormwater Utility

## Budget Overview

### 2023 CIP by Expenditure Type

	2023	2024	2025	2026	2027	2028
Machinery and Equipment	393,000	503,000	576,000	616,000	816,000	520,000
Stormwater Network	9,280,000	12,855,000	4,435,000	2,370,000	5,570,000	4,660,000
<b>Total Expenditures</b>	<b>\$ 9,673,000</b>	<b>\$ 13,358,000</b>	<b>\$ 5,011,000</b>	<b>\$ 2,986,000</b>	<b>\$ 6,386,000</b>	<b>\$ 5,180,000</b>

### 2023 CIP by Funding Source

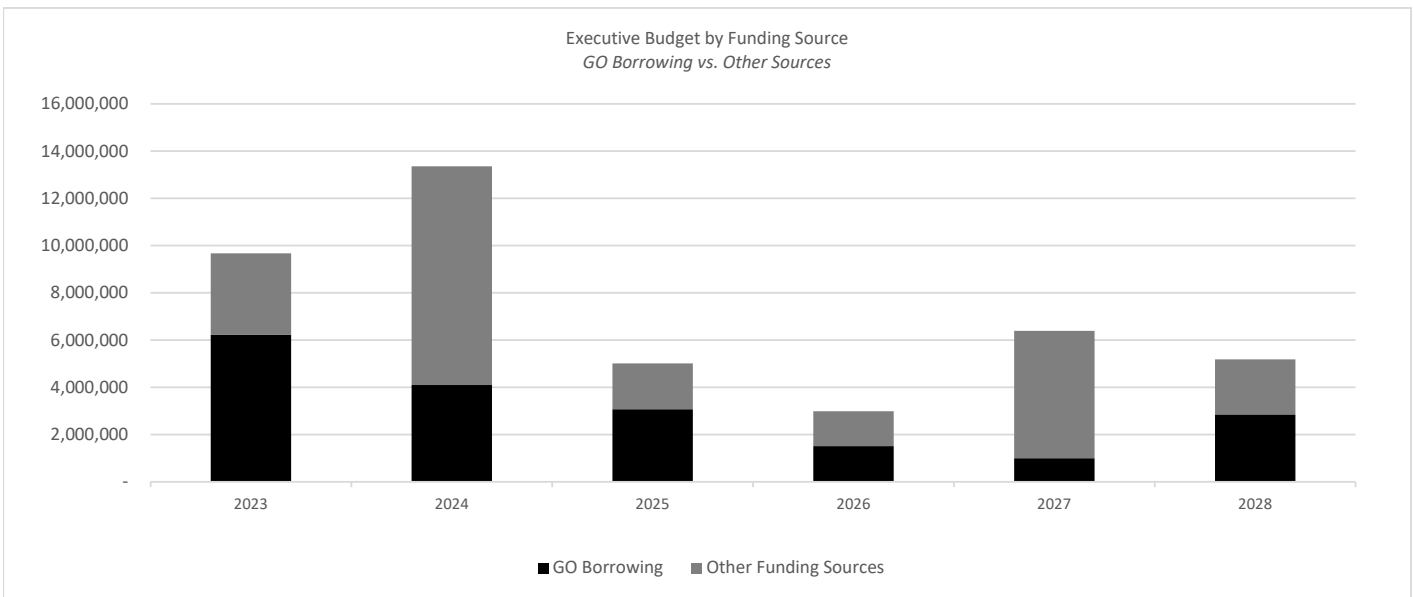
	2023	2024	2025	2026	2027	2028
Non-GF GO Borrowing	6,224,000	4,102,500	3,068,500	1,515,000	995,000	2,850,000
Impact Fees	330,000	600,000	-	-	-	-
Reserves Applied	1,369,000	1,505,500	1,442,500	1,471,000	1,891,000	1,330,000
State Sources	1,750,000	7,150,000	500,000	-	3,500,000	1,000,000
<b>Total Funding</b>	<b>\$ 9,673,000</b>	<b>\$ 13,358,000</b>	<b>\$ 5,011,000</b>	<b>\$ 2,986,000</b>	<b>\$ 6,386,000</b>	<b>\$ 5,180,000</b>

### Borrowing Summary

	2023	2024	2025	2026	2027	2028
<b>Borrowing Schedule</b>						
General Fund GO Borrowing	-	-	-	-	-	-
Non-General Fund GO Borrowing	6,224,000	4,102,500	3,068,500	1,515,000	995,000	2,850,000
<b>Total GO Borrowing</b>	<b>\$ 6,224,000</b>	<b>\$ 4,102,500</b>	<b>\$ 3,068,500</b>	<b>\$ 1,515,000</b>	<b>\$ 995,000</b>	<b>\$ 2,850,000</b>

### Annual Debt Service

General Fund GO Borrowing	-	-	-	-	-	-
Non-General Fund GO Borrowing	809,120	533,325	398,905	196,950	129,350	370,500



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## Budget Overview

Carry Forward GO Borrowing

	Unused Appropriation Authority	Reauthorized GO Borrowing
10138 BIKEWAYS PROGRAM	2,000,000	1,900,000
10142 CANNONBALL BIKE TRAIL	73,529	-
10143 CAPITAL CITY TRAIL	50,000	35,000
13061 CEDAR ST	13	-
11513 CITYWIDE FLOOD MITIGATION	8,258,629	2,130,476
11574 COTTAGE GROVE ROAD	0	-
10576 EQUIPMENT AND VEHICLES	575,282	-
10312 GREENWAY IMPROVEMENTS	107,647	10,000
10948 LOWER BADGER MILL CREEK WATERSHED	1,465,710	-
10540 PAVEMENT MANAGEMENT	1,246,111	99,286
10226 RECONSTRUCTION STREETS	2,921,639	107,825
11133 S PARK ST (OLIN TO RR)	20,000	-
10192 SERVICE BUILDING IMPROVEMENTS	4,868	-
10334 STARKWEATHER CREEK WATERSHED	984,156	50,000
11664 STORM SEWER SYSTEM IMPROVEMENTS	141,460	-
11665 STORMWATER QUALITY SYSTEM IMPROV	8,318,910	5,516,711
10554 STREET CLEANING EQUIPMENT	9,501	-
11868 TROY DR UNDERPASS	30,000	-
11168 UNIVERSITY AVE (SHOREWOOD-UNIV BAY)	5,413,300	6,796,000
11459 WILSON ST (MLK - S HAMILTON)	3,346	-
	<b>\$ 31,624,101</b>	<b>\$ 16,645,298</b>

# Stormwater Utility

## Project Overview

Project	<b>Citywide Flood Mitigation</b>	Project #	<b>11513</b>
Citywide Element	<b>Green and Resilient</b>	Project Type	<b>Program</b>

### 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.

### Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
Non-GF GO Borrowing	3,180,000	2,010,000	1,660,000	210,000	310,000	2,050,000
Impact Fees	330,000	600,000	-	-	-	-
Reserves Applied	400,000	500,000	500,000	500,000	400,000	400,000
State Sources	1,500,000	7,150,000	500,000	-	-	-
<b>TOTAL</b>	<b>\$ 5,410,000</b>	<b>\$ 10,260,000</b>	<b>\$ 2,660,000</b>	<b>\$ 710,000</b>	<b>\$ 710,000</b>	<b>\$ 2,450,000</b>

Project	<b>Storm Sewer System Improvements</b>	Project #	<b>11664</b>
Citywide Element	<b>Green and Resilient</b>	Project Type	<b>Program</b>

### 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
<b>TOTAL</b>	<b>\$ 210,000</b>	<b>\$ 270,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>	<b>\$ 210,000</b>

Project	<b>Stormwater Quality System Improvements</b>	Project #	<b>11665</b>
Citywide Element	<b>Green and Resilient</b>	Project Type	<b>Program</b>

### 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 us to comply with the City's 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
<b>TOTAL</b>	<b>\$ 3,660,000</b>	<b>\$ 2,325,000</b>	<b>\$ 1,565,000</b>	<b>\$ 1,450,000</b>	<b>\$ 4,650,000</b>	<b>\$ 2,000,000</b>

Project  
Citywide Element

**Street Cleaning Equipment - Streets**  
**Green and Resilient**

Project # **10554**  
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 replace 3 toolcat dustbins. Funding in 2024-2026 include replacement of 2 mechanical sweepers per year. Funding in 2027 includes replacement of 1 vacuum sweeper and 1 mechanical sweeper. Funding in 2028 includes replacement of 1 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
<b>TOTAL</b>	<b>\$ 393,000</b>	<b>\$ 503,000</b>	<b>\$ 576,000</b>	<b>\$ 616,000</b>	<b>\$ 816,000</b>	<b>\$ 520,000</b>

# Stormwater Utility

## 2023 Appropriation Schedule

### 2023 Appropriation

### Executive Budget

	<b>Request</b>	<b>GO Borrowing</b>	<b>Other</b>	<b>Total</b>
Citywide Flood Mitigation	5,410,000	3,180,000	2,230,000	5,410,000
Storm Sewer System Improvements	210,000	-	210,000	210,000
Stormwater Quality System Improvements	3,660,000	3,044,000	616,000	3,660,000
Street Cleaning Equipment - Streets	393,000	-	393,000	393,000
	<b>\$ 9,673,000</b>	<b>\$ 6,224,000</b>	<b>\$ 3,449,000</b>	<b>\$ 9,673,000</b>