

# Stormwater Utility

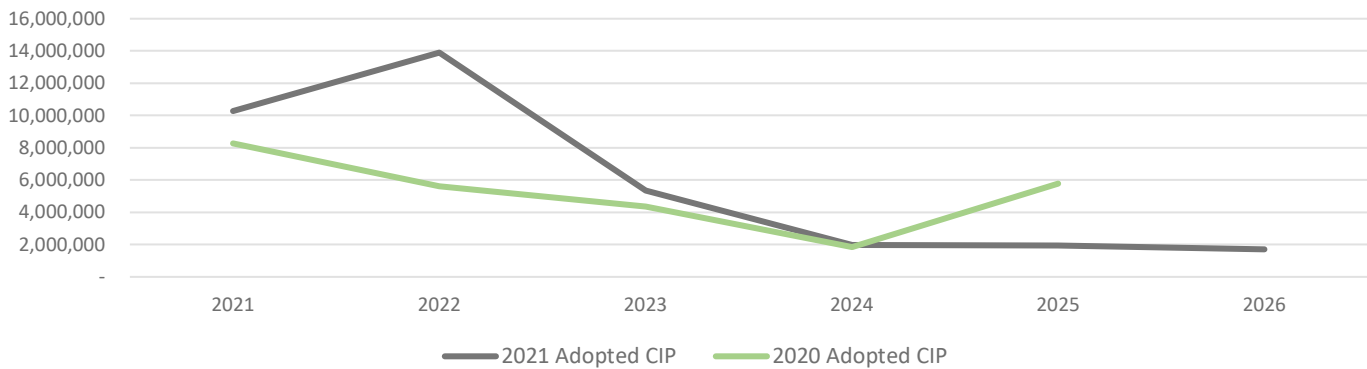
## Capital Improvement Plan

### Project Summary: Adopted Budget

	2021	2022	2023	2024	2025	2026
Citywide Flood Mitigation	6,525,000	9,537,000	3,248,000	1,120,000	1,130,000	190,000
Storm Sewer System Improvements	461,000	247,000	240,000	167,000	203,000	183,000
Stormwater Quality System Improvements	2,825,000	3,650,000	1,550,000	235,000	150,000	840,000
Street Cleaning Equipment - Streets	455,000	465,000	300,000	470,000	470,000	493,000
<b>Total</b>	<b>\$ 10,266,000</b>	<b>\$ 13,899,000</b>	<b>\$ 5,338,000</b>	<b>\$ 1,992,000</b>	<b>\$ 1,953,000</b>	<b>\$ 1,706,000</b>

### Changes from 2020 CIP

2021 Capital Improvement Plan  
2020 Adopted vs. 2021 Adopted



### Major Changes

- Citywide Flood Mitigation**  
 Program budget increased by \$8.8m over full CIP to include additional projects resulting for Watershed studies  
  
 TID 37 funding added for Winnebago/Eastwood/Amoth/Atwood in 2022 (\$3.0m)
- Stormwater Quality System Improvements**  
 Program budget decreased in 2021 based on planned projects (\$558k)

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## Budget Overview

### 2021 CIP by Expenditure Type

	2021	2022	2023	2024	2025	2026
Machinery and Equipment	455,000	465,000	300,000	470,000	470,000	493,000
Stormwater Network	9,811,000	13,434,000	5,038,000	1,522,000	1,483,000	1,213,000
<b>Total</b>	<b>\$ 10,266,000</b>	<b>\$ 13,899,000</b>	<b>\$ 5,338,000</b>	<b>\$ 1,992,000</b>	<b>\$ 1,953,000</b>	<b>\$ 1,706,000</b>

### 2021 CIP by Funding Source

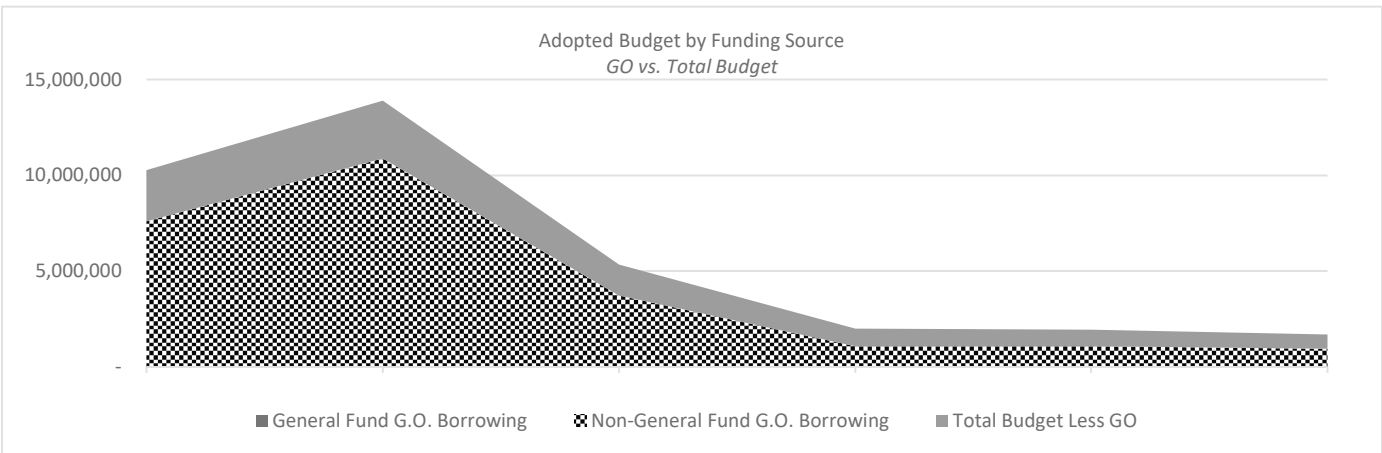
	2021	2022	2023	2024	2025	2026
Non-GF GO Borrowing	7,606,850	10,880,450	3,739,000	1,095,200	1,093,800	949,500
Impact Fees	878,000	-	-	320,000	-	-
Reserves Applied	1,736,150	2,973,550	1,574,000	531,800	814,200	709,500
Trade In Allowance	45,000	45,000	25,000	45,000	45,000	47,000
<b>Total</b>	<b>\$ 10,266,000</b>	<b>\$ 13,899,000</b>	<b>\$ 5,338,000</b>	<b>\$ 1,992,000</b>	<b>\$ 1,953,000</b>	<b>\$ 1,706,000</b>

### Borrowing Summary

	2021	2022	2023	2024	2025	2026
<b>Borrowing Schedule</b>						
General Fund G.O. Borrowing	-	-	-	-	-	-
Non-General Fund G.O. Borrowing	7,606,850	10,880,450	3,739,000	1,095,200	1,093,800	949,500
<b>Total</b>	<b>\$ 7,606,850</b>	<b>\$ 10,880,450</b>	<b>\$ 3,739,000</b>	<b>\$ 1,095,200</b>	<b>\$ 1,093,800</b>	<b>\$ 949,500</b>

### Annual Debt Service

General Fund G.O. Borrowing	-	-	-	-	-	-
Non-General Fund G.O. Borrowing	988,891	1,414,459	486,070	142,376	142,194	123,435



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## 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 eliminate flooding and protect property from damage. Projects funded in this program include watershed studies and improvements based on study results. Projects planned for 2021: the Hawks Landing North subdivision improvements, design of pond improvements, flood mitigation on South Street, land acquisition, and flood mitigation installations that are scheduled with street reconstruction projects. Increased funding in 2022 would support flood mitigation at Winnebago/Eastwood/Amoth/Atwood and the Spring Harbor Relief Phase 2 project, as well as other smaller flood mitigation projects. The Winnebago/Eastwood/Amoth/Atwood project will be supported by incremental revenue from TID 37.

### Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
Non-GF GO Borrowing	4,985,250	7,702,750	2,308,500	800,000	847,500	142,500
Impact Fees	878,000	-	-	320,000	-	-
Reserves Applied	661,750	1,834,250	939,500	-	282,500	47,500
<b>TOTAL</b>	<b>\$ 6,525,000</b>	<b>\$ 9,537,000</b>	<b>\$ 3,248,000</b>	<b>\$ 1,120,000</b>	<b>\$ 1,130,000</b>	<b>\$ 190,000</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 funded in this program include ongoing preventative maintenance and repairs to the City's storm sewer network. Projects planned in 2021 include cured in place piping (CIPP), waterway improvements consisting of various low-cost improvements to the stormwater network, system improvements at South Street, and storm sewer repairs at Spring Trail.

### Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
Non-GF GO Borrowing	276,600	148,200	144,000	100,200	121,800	109,800
Reserves Applied	184,400	98,800	96,000	66,800	81,200	73,200
<b>TOTAL</b>	<b>\$ 461,000</b>	<b>\$ 247,000</b>	<b>\$ 240,000</b>	<b>\$ 167,000</b>	<b>\$ 203,000</b>	<b>\$ 183,000</b>

Project  
Citywide Element

**Stormwater Quality System Improvements**  
**Green and Resilient**

Project # **11665**  
Project Type **Program**

*Project Description*

This program is for stormwater quality improvement projects associated with the City's WDNR/EPA stormwater discharge permit. The goal of this program is to improve the quality of the stormwater and compliance with environmental guidelines and initiatives. 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. Projects funded in 2021 include greenway improvements at Mendota Spring Harbor and Hickory Hollow, as well as Sauk Creek Phase 3 and 4 and greenway design and construction.

*Project Budget by Funding Source*

	2021	2022	2023	2024	2025	2026
Non-GF GO Borrowing	2,345,000	3,029,500	1,286,500	195,000	124,500	697,200
Reserves Applied	480,000	620,500	263,500	40,000	25,500	142,800
<b>TOTAL</b>	<b>\$ 2,825,000</b>	<b>\$ 3,650,000</b>	<b>\$ 1,550,000</b>	<b>\$ 235,000</b>	<b>\$ 150,000</b>	<b>\$ 840,000</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 in the Streetsweeping service. The goal of this program is to reduce the discharge of pollutants and solids to the lakes by removing material from the street surface before it is mixed with storm water runoff. This program funds annual equipment replacements of the City's streetsweeping equipment on a five-year cycle. Funding in 2021 will be used to replace two mechanical street cleaning vehicles.

*Project Budget by Funding Source*

	2021	2022	2023	2024	2025	2026
Reserves Applied	410,000	420,000	275,000	425,000	425,000	446,000
Trade In Allowance	45,000	45,000	25,000	45,000	45,000	47,000
<b>TOTAL</b>	<b>\$ 455,000</b>	<b>\$ 465,000</b>	<b>\$ 300,000</b>	<b>\$ 470,000</b>	<b>\$ 470,000</b>	<b>\$ 493,000</b>

# Stormwater Utility

## 2021 Appropriation Schedule

### 2021 Appropriation

### Adopted Budget

	Request	Executive	GO Borrowing	Other	Total
Citywide Flood Mitigation	6,525,000	6,525,000	4,985,250	1,539,750	6,525,000
Storm Sewer System Improvements	461,000	461,000	276,600	184,400	461,000
Stormwater Quality System Improvements	2,825,000	2,825,000	2,345,000	480,000	2,825,000
Street Cleaning Equipment - Streets	455,000	455,000	-	455,000	455,000
<b>Total 2021 Appropriation</b>	<b>\$ 10,266,000</b>	<b>\$ 10,266,000</b>	<b>\$ 7,606,850</b>	<b>\$ 2,659,150</b>	<b>\$ 10,266,000</b>