

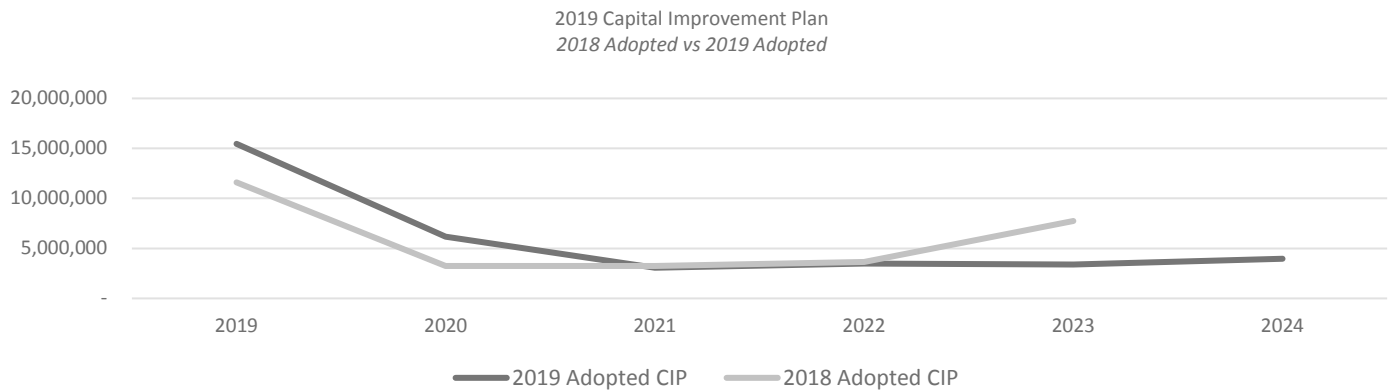
Stormwater Utility

Capital Improvement Plan

Project Summary

	2019	2020	2021	2022	2023	2024
Citywide Flood Mitigation	7,770,000	2,800,000	525,000	530,000	675,000	650,000
Starkweather Coagulant Treatment	1,500,000	100,000	75,000	-	-	-
Storm Sewer System Improvements	675,000	475,000	375,000	375,000	400,000	387,500
Stormwater Quality System Improvements	5,073,000	2,350,000	1,640,000	2,130,000	2,000,000	2,450,000
Street Cleaning Equipment - Streets	440,000	455,000	455,000	465,000	300,000	470,000
Total	\$ 15,458,000	\$ 6,180,000	\$ 3,070,000	\$ 3,500,000	\$ 3,375,000	\$ 3,957,500

Changes from 2018 CIP



Project Adjustments

- Starkweather Coagulant Treatment: Project budget reduced (\$2.2m)

Program Adjustments

- Citywide Flood Mitigation: Program budget increased in 2019 via Common Council amendment #9 (\$5.7m)
- Stormwater Quality System Improvements: Program budget increased in out-years (\$1.0m)
- Street Cleaning Equipment: Program budget increased in out-years (\$0.3m)

Stormwater Utility

Budget Overview

2019 CIP by Expenditure Type

	2019	2020	2021	2022	2023	2024
Machinery and Equipment	440,000	455,000	455,000	465,000	300,000	470,000
Stormwater Network	15,018,000	5,725,000	2,615,000	3,035,000	3,075,000	3,487,500
Total	\$ 15,458,000	\$ 6,180,000	\$ 3,070,000	\$ 3,500,000	\$ 3,375,000	\$ 3,957,500

2019 CIP by Funding Source

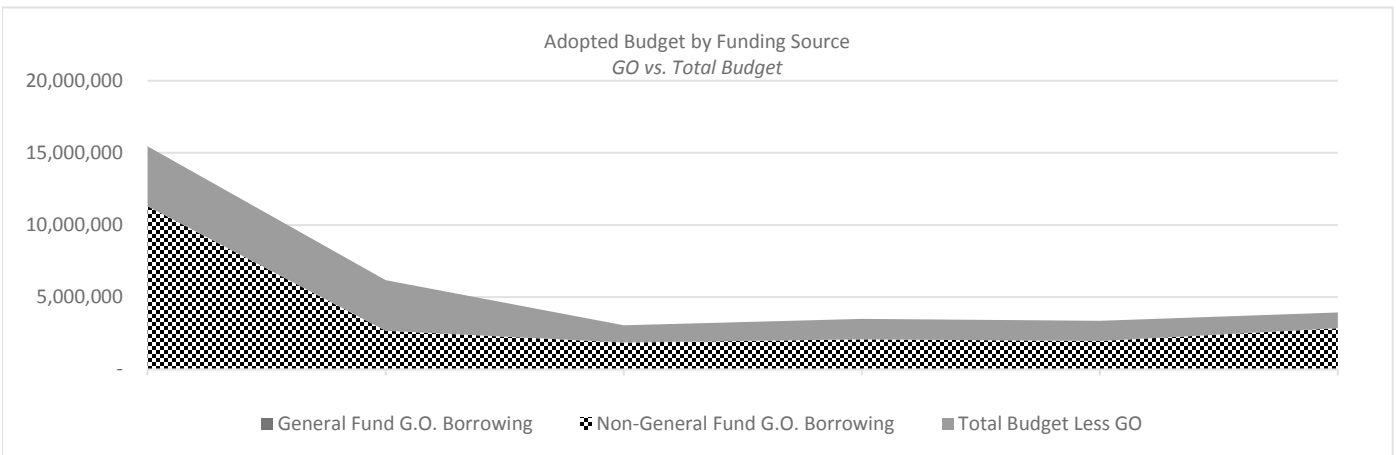
	2019	2020	2021	2022	2023	2024
Non-GF GO Borrowing	11,317,000	2,675,000	1,868,000	2,085,000	1,980,000	2,862,500
County Sources	150,000	-	-	-	-	-
Impact Fees	2,376,000	-	-	-	-	-
Reserves Applied	1,575,000	1,260,000	1,157,000	1,370,000	1,370,000	1,050,000
TIF Proceeds	-	2,200,000	-	-	-	-
Trade In Allowance	40,000	45,000	45,000	45,000	25,000	45,000
Total	\$ 15,458,000	\$ 6,180,000	\$ 3,070,000	\$ 3,500,000	\$ 3,375,000	\$ 3,957,500

Borrowing Summary

	2019	2020	2021	2022	2023	2024
Borrowing Schedule						
General Fund G.O. Borrowing	-	-	-	-	-	-
Non-General Fund G.O. Borrowing	11,317,000	2,675,000	1,868,000	2,085,000	1,980,000	2,862,500
Total	\$ 11,317,000	\$ 2,675,000	\$ 1,868,000	\$ 2,085,000	\$ 1,980,000	\$ 2,862,500

Annual Debt Service

General Fund G.O. Borrowing	-	-	-	-	-	-
Non-General Fund G.O. Borrowing	1,471,210	347,750	242,840	271,050	257,400	372,125



Stormwater Utility

Project Overview

Project Citywide Flood Mitigation **Project #** 11513
Project Description

This program funds improvements to the stormwater network in the City where flooding occurs during large rain events. The goal of the program is to eliminate flooding and protect property from damage. Funding in 2019 is for flood mitigation at McKenna Boulevard on the City's west side. Common Council amendment #9 added funding to 2019 for watershed studies, land acquisitions, and public works projects as a direct result from the August 2018 flood event.

Project Budget by Funding Source

	Reauth	2019	2020	2021	2022	2023	2024
Non-GF GO Borrowing	141,906	6,600,000	350,000	230,000	285,000	305,000	375,000
Impact Fees	-	620,000	-	-	-	-	-
Reserves Applied	73,735	550,000	250,000	295,000	245,000	370,000	275,000
State Sources	4,167	-	-	-	-	-	-
TIF Proceeds	-	-	2,200,000	-	-	-	-
TOTAL	\$ 219,807	\$ 7,770,000	\$ 2,800,000	\$ 525,000	\$ 530,000	\$ 675,000	\$ 650,000

Project Starkweather Coagulant Treatment **Project #** 10368
Project Description

This project funds stormwater diversion runoff from the East Branch of Starkweather Creek to an existing reconfigured pond on land north of Milwaukee Street and east of the Starkweather Creek in the Town of Blooming Grove. Coagulant will be added to diverted runoff allowing it to dissolve phosphorous, preventing it from settling in the pond. The goal of this project is to remove 85% of available phosphorous from the water and to reduce total suspended solids. The new system is expected to remove approximately 1,600 pounds of phosphorous, which is 12% of the City's required regulatory reduction of 13,000 pounds. Funding in 2019 is for construction. Common Council amendment #9 reduced funding in 2019 to support the Citywide Flood Mitigation program projects prioritized in 2019.

Project Budget by Funding Source

	Reauth	2019	2020	2021	2022	2023	2024
Non-GF GO Borrowing	1,727,895	1,500,000	-	75,000	-	-	-
County Sources	1,000,000	-	-	-	-	-	-
Reserves Applied	104,695	-	100,000	-	-	-	-
TOTAL	\$ 2,832,590	\$ 1,500,000	\$ 100,000	\$ 75,000	\$ -	\$ -	\$ -

Project Storm Sewer System Improvements **Project #** 11664
Project Description

This program funds improvements to the storm sewer network by providing repairs, rehabilitation, and expansion throughout the City. The goal of this program is to ensure a reliable storm sewer system for City residents. The program includes annual minor projects for storm sewer cured-in-place-pipe lining (CIPP), storm sewer improvements in developing areas, and stormwater conveyance improvements.

Project Budget by Funding Source

	Reauth	2019	2020	2021	2022	2023	2024
Non-GF GO Borrowing	-	475,000	275,000	140,000	125,000	150,000	237,500
Reserves Applied	16,962	200,000	200,000	235,000	250,000	250,000	150,000
TOTAL	\$ 16,962	\$ 675,000	\$ 475,000	\$ 375,000	\$ 375,000	\$ 400,000	\$ 387,500

Project Stormwater Quality System Improvements Project # 11665

Project Description

This program funds 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, urban water quality projects, and the City’s participation in the Adaptive Management Program with the Madison Metropolitan Sewerage District. Smaller projects include rain gardens with street reconstruction and maintenance dredging.

Project Budget by Funding Source

	Reauth	2019	2020	2021	2022	2023	2024
Non-GF GO Borrowing	2,951,536	2,742,000	2,050,000	1,423,000	1,675,000	1,525,000	2,250,000
County Sources	347,048	150,000	-	-	-	-	-
Impact Fees	-	1,756,000	-	-	-	-	-
Reserves Applied	243,977	425,000	300,000	217,000	455,000	475,000	200,000
State Sources	150,000	-	-	-	-	-	-
TOTAL	\$ 3,692,561	\$ 5,073,000	\$ 2,350,000	\$ 1,640,000	\$ 2,130,000	\$ 2,000,000	\$ 2,450,000

Project Street Cleaning Equipment - Streets Project # 11666

Project Description

This program funds the street sweeping equipment replacements. 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 solids to the lakes by removing material from the streets surface before it is mixed with storm water runoff. Funding in 2019 is for two street cleaning vehicles.

Project Budget by Funding Source

	Reauth	2019	2020	2021	2022	2023	2024
Reserves Applied	3,667	400,000	410,000	410,000	420,000	275,000	425,000
Trade In Allowance	-	40,000	45,000	45,000	45,000	25,000	45,000
TOTAL	\$ 3,667	\$ 440,000	\$ 455,000	\$ 455,000	\$ 465,000	\$ 300,000	\$ 470,000

Stormwater Utility

2019 Appropriation Schedule

2019 Appropriation

Adopted Budget

	Request	Executive	GO Borrowing	Other	Total
Citywide Flood Mitigation	900,000	900,000	6,600,000	1,170,000	7,770,000
Starkweather Coagulant Treatment	2,700,000	2,700,000	1,500,000	-	1,500,000
Storm Sewer System Improvements	675,000	675,000	475,000	200,000	675,000
Stormwater Quality System Improvements	5,073,000	5,073,000	2,742,000	2,331,000	5,073,000
Street Cleaning Equipment - Streets	440,000	440,000	-	440,000	440,000
Total	\$ 9,788,000	\$ 9,788,000	\$ 11,317,000	\$ 4,141,000	\$ 15,458,000

Reauthorized Appropriation

	GO Borrowing	Other	Total
Citywide Flood Mitigation	141,906	77,901	219,807
Starkweather Coagulant Treatment	1,727,895	1,104,695	2,832,590
Storm Sewer System Improvements	-	16,962	16,962
Stormwater Quality System Improvements	2,951,536	783,194	3,734,730
Street Cleaning Equipment - Streets	-	3,667	3,667
Total	\$ 4,821,337	\$ 1,986,419	\$ 6,807,756

Total 2019 Appropriation

	\$ 16,138,337	\$ 6,127,419	\$ 22,265,756
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