

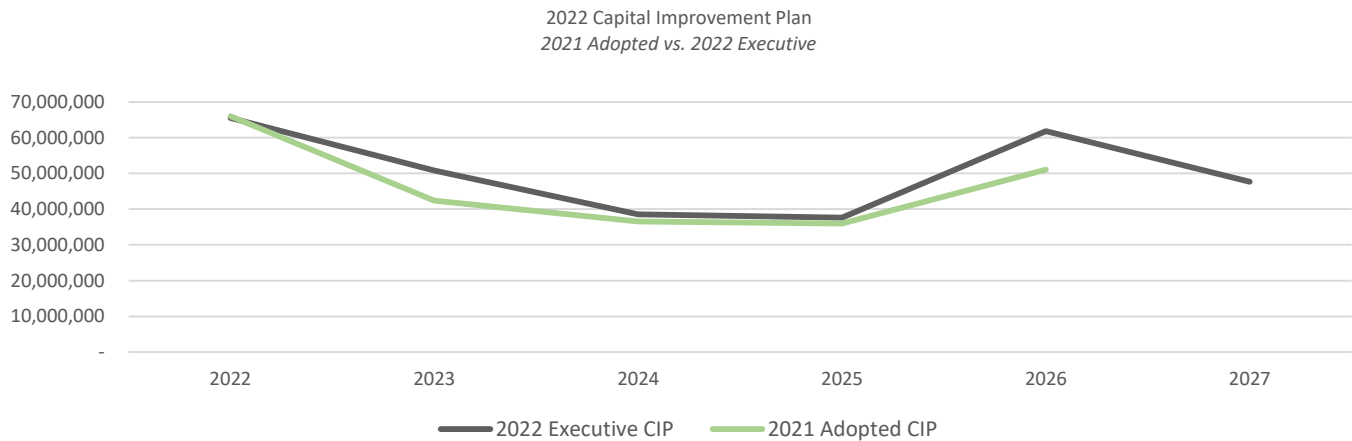
Engineering - Major Streets

Capital Improvement Plan

Project Summary: Executive

	2022	2023	2024	2025	2026	2027
Atwood Avenue	-	5,953,000	-	-	-	-
Blair Street, S.	1,662,000	-	-	-	-	-
Blair/John Nolen Intersection	848,000	-	-	-	-	-
Bridge Repair	300,000	170,000	170,000	177,000	186,000	195,000
CTH AB Interchange	5,000,000	-	-	-	-	-
John Nolen Drive	-	-	-	5,000	21,332,000	2,388,000
Mineral Point Road	-	-	-	280,000	-	5,150,000
Outer Capitol Loop Southeast	-	2,331,000	-	-	-	-
Park Street, South (Olin To RR)	-	300,000	-	-	1,027,000	-
Pavement Management	16,950,000	17,208,000	18,707,000	19,377,000	20,361,000	20,910,000
Pleasant View Road - Phase 1	1,000,000	3,585,000	-	-	-	-
Railroad Crossings & Quiet Zones	1,375,000	25,000	25,000	25,000	25,000	25,000
Reconstruction Streets	15,352,000	21,202,000	17,736,000	17,767,000	18,910,000	19,003,000
University Ave (Shorewood To University)	23,051,000	-	-	-	-	-
Wilson St (MLK to King)	-	-	1,945,000	-	-	-
	\$ 65,538,000	\$ 50,774,000	\$ 38,583,000	\$ 37,631,000	\$ 61,841,000	\$ 47,671,000

Changes from 2021 CIP



Major Changes

- Atwood Avenue
 - \$6.0m project added to CIP in 2023 from Horizon List
- Blair Street, S.
 - Project budget increased by \$35k
- Blair/John Nolen Intersection
 - Project budget increased \$19k
- Bridge Repair
 - Program budget increased by \$130k in 2022
- John Nolen Drive
 - Project budget increased by \$10.2 m in 2026 to reflect updated project estimates associated with sewer replacement on side streets and related construction
 - \$2.4m for construction costs added to 2027
- Mineral Point Road
 - \$5.4m project added to CIP in 2025 and 2027

- Outer Capitol Loop Southeast
 - Project budget increased by \$43k
- Park Street, South (Olin to RR)
 - Project budget increased by \$11k
- Pavement Management
 - Program budget decreased \$2.4m from 2022-2026 due to the quality of the sewer mains in selected streets not requiring replacement
- Pleasant View Road - Phase 1
 - Project budget increased by \$2.0m by increasing assessments and reallocating funding from 2023 Reconstruct Streets program
 - Construction advanced to begin in 2022
- Reconstruction Streets
 - Program budget increased by \$5.8m from 2022-2026
- University Ave (Shorewood to University Bay)
 - Project budget increased by \$2.1m
- Wilson Street (MLK to King)
 - Project budget decreased by \$86k
- Neighborhood Traffic Management & Pedestrian Improvements
 - Program consolidated into a new program called Safe Streets Madison located within the Traffic Engineering capital budget.

Engineering - Major Streets

Budget Overview

2022 CIP by Expenditure Type

	2022	2023	2024	2025	2026	2027
Bridge	300,000	170,000	170,000	177,000	186,000	195,000
Sanitary Sewer	10,341,000	11,256,000	10,256,000	9,894,000	11,886,000	10,738,000
Stormwater Network	15,125,000	6,925,000	4,010,000	2,965,000	5,370,000	8,096,000
Street	39,772,000	32,423,000	24,147,000	24,595,000	44,399,000	28,642,000
Total	\$ 65,538,000	\$ 50,774,000	\$ 38,583,000	\$ 37,631,000	\$ 61,841,000	\$ 47,671,000

2022 CIP by Funding Source

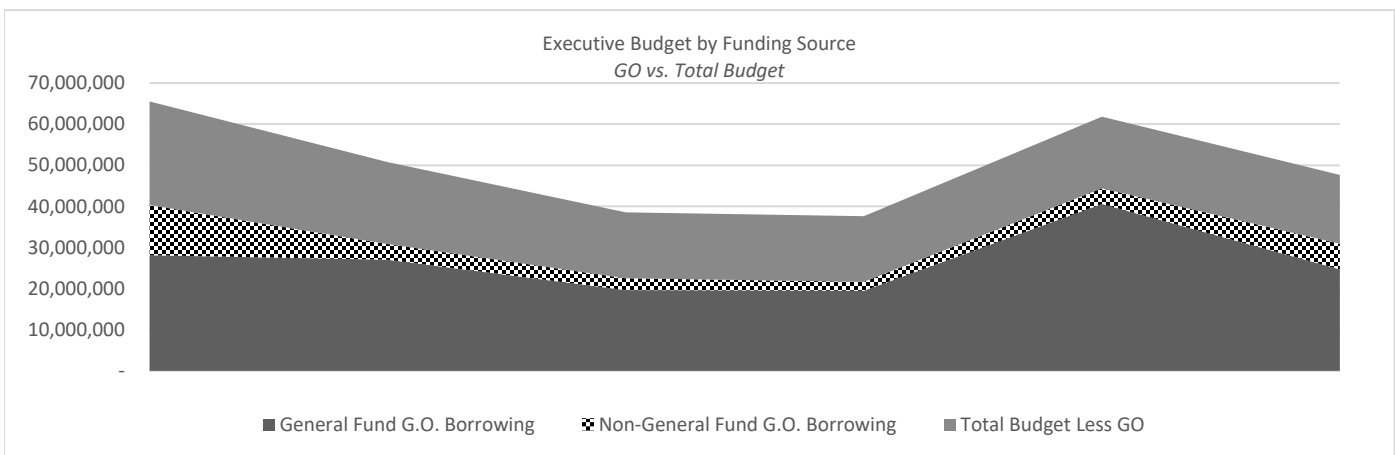
	2022	2023	2024	2025	2026	2027
GF GO Borrowing	28,105,000	27,035,400	19,655,000	19,472,000	40,607,000	24,671,000
Non-GF GO Borrowing	12,267,000	3,775,000	2,879,000	2,167,000	3,810,000	6,261,000
Municipal Capital Participate	7,929,000	445,600	-	-	-	-
Reserves Applied	3,180,000	3,291,000	3,939,000	3,729,000	5,444,000	5,405,000
Revenue Bonds	6,895,000	7,516,000	5,812,000	5,730,000	6,573,000	5,502,000
Special Assessment	4,787,000	5,286,000	5,323,000	4,808,000	5,182,000	5,607,000
State Sources	225,000	225,000	225,000	225,000	225,000	225,000
TIF Proceeds	2,150,000	3,200,000	750,000	1,500,000	-	-
Total	\$ 65,538,000	\$ 50,774,000	\$ 38,583,000	\$ 37,631,000	\$ 61,841,000	\$ 47,671,000

Borrowing Summary

	2022	2023	2024	2025	2026	2027
Borrowing Schedule						
General Fund G.O. Borrowing	28,105,000	27,035,400	19,655,000	19,472,000	40,607,000	24,671,000
Non-General Fund G.O. Borrowing	12,267,000	3,775,000	2,879,000	2,167,000	3,810,000	6,261,000
Total	\$ 40,372,000	\$ 30,810,400	\$ 22,534,000	\$ 21,639,000	\$ 44,417,000	\$ 30,932,000

Annual Debt Service

General Fund G.O. Borrowing	3,653,650	3,514,602	2,555,150	2,531,360	5,278,910	3,207,230
Non-General Fund G.O. Borrowing	1,594,710	490,750	374,270	281,710	495,300	813,930



Engineering - Major Streets

Project Overview

Project	Atwood Avenue	Project #	11127
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project funds the reconstruction of Atwood Avenue from Fair Oaks Avenue to Cottage Grove Road to a three-lane boulevard with multi-use paths. Median and crosswalk enhancements are proposed for safe pedestrian crossing to Olbrich Gardens and Olbrich Park. The multi-use path will be utilized for the Lake Loop route around Lake Monona. A new pedestrian and bicycle bridge over the Starkweather Creek is included in the project. The goal of the project is to improve the facilities for pedestrians, bicyclists, motor vehicles and transit. Federal funds are anticipated to be approved by the MPO in October 2021. Funding shown is City cost share.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	-	4,010,400	-	-	-	-
Municipal Capital Participate	-	445,600	-	-	-	-
Reserves Applied	-	306,000	-	-	-	-
Revenue Bonds	-	790,000	-	-	-	-
Special Assessment	-	401,000	-	-	-	-
TOTAL	\$ -	\$ 5,953,000	\$ -	\$ -	\$ -	\$ -

Project	Blair Street, S.	Project #	11128
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for reconstructing South Blair Street from East Washington Avenue to Williamson Street and East Washington Avenue from Blair Street to Blount Street. The goal of this project is to improve the pavement quality of the 0.3 mile segment to ensure transportation safety. The current pavement rating of this road is 3 of 10. The project scope includes a new traffic signal for the East Main Street and South Blair Street intersection. Construction is proposed in 2022. This is a state funded project on USH 151. Funding shown is the City's cost share.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	500,000	-	-	-	-	-
Reserves Applied	217,000	-	-	-	-	-
Revenue Bonds	610,000	-	-	-	-	-
Special Assessment	335,000	-	-	-	-	-
TOTAL	\$ 1,662,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project	Blair/John Nolen Intersection	Project #	11135
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for replacing pavement, curb, gutter, and sidewalk at the intersection of Blair Street and John Nolen Drive. The goal of the project is to improve the safety of the intersection for pedestrians, bicyclists and motor vehicles in addition to improve the pavement quality rating of the intersection. The current pavement quality rating is 3 of 10. Construction is planned for 2022. Federal funding for this project is secured. Funding shown is the City's cost share.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	500,000	-	-	-	-	-
Reserves Applied	248,000	-	-	-	-	-
Special Assessment	100,000	-	-	-	-	-
TOTAL	\$ 848,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project	Bridge Repair	Project #	10538
Citywide Element	Land Use and Transportation	Project Type	Program

Project Description

This program is for repair, replacement, and painting of bridges to maintain a safe condition. The goal of this program is to provide safe bridges measured by routine evaluation. Project funding in this program includes bridge repair and resurfacing. Funding in 2022 is for repainting the Alicia Ashman pedestrian bridge.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	300,000	170,000	170,000	177,000	186,000	195,000
TOTAL	\$ 300,000	\$ 170,000	\$ 170,000	\$ 177,000	\$ 186,000	\$ 195,000

Project	CTH AB Interchange	Project #	13013
Citywide Element	Effective Government	Project Type	Project

Project Description

This project funds the construction of a new interchange for CTH AB and USH 12. The goal of this project is to provide a safe intersection. The project's scope includes replacement of the intersections at Mill Pond Rd/USH 12 and CTH AB/USH 12 with a new interchange and frontage road system. Multiple crashes involving serious injuries and deaths have occurred in this area. Construction is scheduled for 2022. This is a joint project with the State of Wisconsin Department of Transportation and Ho Chunk Nation.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	5,000,000	-	-	-	-	-
TOTAL	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project	John Nolen Drive	Project #	11860
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for replacing the causeway bridges on John Nolen Drive between North Shore Drive and Olin Avenue. The goal of the project is to improve the transportation safety for this corridor for pedestrians, bicycles, and motor vehicles. The project's scope includes replacing the six bridges on the John Nolen Dr causeway, which are approaching the end of their service life. The bike path is also planned to be reconstructed to create additional space for bike and pedestrian traffic, particularly where it is narrow over waterways. Pavement is planned for replacement in the corridor. Design is scheduled through 2025 and construction is scheduled for 2026-7. Federal funding is anticipated to be approved in October 2021.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	-	-	-	-	19,832,000	2,388,000
Non-GF GO Borrowing	-	-	-	-	1,000,000	-
Reserves Applied	-	-	-	5,000	500,000	-
TOTAL	\$ -	\$ -	\$ -	\$ 5,000	\$ 21,332,000	\$ 2,388,000

Project	Mineral Point Road	Project #	11131
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project funds the reconstruction of Mineral Point Road from the Beltline (USH 12/18) to High Point Road. The project is proposed to be reconstructed with new pavement, median, and multi-use path. Safety enhancements are proposed for the Mineral Point Road and High Point Road intersection. The goal of the project is to provide new pavement and enhance safety for pedestrians and bicyclists. Federal funds are anticipated to be approved by the MPO in October 2021. Funding shown is the City's cost share.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	-	1,790,000	-	-	-	-
Reserves Applied	-	350,000	-	-	-	-
Special Assessment	-	191,000	-	-	-	-
TOTAL	\$ -	\$ 2,331,000	\$ -	\$ -	\$ -	\$ -

Project	Outer Capitol Loop Southeast	Project #	10303
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for reconstructing the southeast section of the Outer Capitol Loop. The goal of this project is to improve the roadway's pavement quality rating and pedestrian experience. The pavement quality rating for the roadway is currently 4 of 10. The project's scope includes reconstruction of East Doty Street from Martin Luther King Jr. Boulevard to South Webster Street and South Pinckney from East Doty Street to East Wilson Street. Funding in 2023 is for construction.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	-	1,790,000	-	-	-	-
Reserves Applied	-	350,000	-	-	-	-
Special Assessment	-	191,000	-	-	-	-
TOTAL	\$ -	\$ 2,331,000	\$ -	\$ -	\$ -	\$ -

Project	Park Street, South (Olin To RR)	Project #	11133
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for reconstructing South Park Street. The goal of the project is to improve the pavement quality of the roadway. The current pavement rating is 4 of 10. The project's scope includes South Park Street from the railroad to Olin Avenue. Construction is planned for 2026. Federal funding assumed in the project budget is not yet secured.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	-	300,000	-	-	600,000	-
Reserves Applied	-	-	-	-	404,000	-
Special Assessment	-	-	-	-	23,000	-
TOTAL	\$ -	\$ 300,000	\$ -	\$ -	\$ 1,027,000	\$ -

Project	Pavement Management	Project #	10540
Citywide Element	Land Use and Transportation	Project Type	Program

Project Description

This program is for resurfacing, repair, crack sealants, and chip sealing on existing streets. The goal of the program is to extend the life of existing streets. Each year the program resurfaces 8-10 miles, chip seals approximately 75 miles, and crack seals approximately 75 miles. Projects planned in 2022 include: Anderson, Commercial, Hammersley & Mineral Point Rd.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	10,575,000	10,575,000	10,575,000	11,018,000	11,594,000	12,174,000
Non-GF GO Borrowing	960,000	1,515,000	1,570,000	1,570,000	1,645,000	1,391,000
Reserves Applied	1,123,000	1,295,000	2,455,000	2,523,000	2,961,000	2,317,000
Revenue Bonds	3,123,000	2,742,000	2,606,000	2,706,000	2,524,000	3,311,000
Special Assessment	1,169,000	1,081,000	1,501,000	1,560,000	1,637,000	1,717,000
TOTAL	\$ 16,950,000	\$ 17,208,000	\$ 18,707,000	\$ 19,377,000	\$ 20,361,000	\$ 20,910,000

Project	Pleasant View Road - Phase 1	Project #	10284
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for reconstructing Pleasant View Road from US-14 to Old Sauk Road. The goal of this project is to expand the existing roadway and improve the pavement quality. The current pavement rating is 4 of 10. The project's scope includes construction of a four lane roadway with multi-use path and sidewalk to replace the existing two lane roadway. This is a joint project with the City of Middleton, funding shown is the City's cost share. Construction is planned for 2022 and 2023. Federal funding for this project is secured.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	1,000,000	3,350,000	-	-	-	-
Special Assessment	-	235,000	-	-	-	-
TOTAL	\$ 1,000,000	\$ 3,585,000	\$ -	\$ -	\$ -	\$ -

Project
Citywide Element

Railroad Crossings & Quiet Zones
Land Use and Transportation

Project # **10218**
Project Type **Program**

Project Description

This program is for installing infrastructure for railroad quiet zones. The goal of this program is to provide safe railroad crossings and improve the quality of the neighborhoods adjacent to railroads. The City may create a quiet zone through an application process, which requires funding upgrades and equipment at the designated crossing. Projects planned for 2022 include the Isthmus quiet zone.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	25,000	25,000	25,000	25,000	25,000	25,000
TIF Proceeds	1,350,000	-	-	-	-	-
TOTAL	\$ 1,375,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

Project
Citywide Element

Reconstruction Streets
Land Use and Transportation

Project # **10226**
Project Type **Program**

Project Description

This program is for replacing deteriorated streets to maintain neighborhood roadways. The goal of this program is to have less than 30% of local streets with a deficient pavement rating of less than 5 of 10. Projects funded include those where a full street replacement is necessary. Projects planned in 2022 include: Lafollette, Ohio, Talmadge, St. Paul, Jackson, Cedar, Russell, Davies, Dempsey, and Maher.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	5,985,000	6,815,000	7,665,000	7,972,000	8,370,000	8,789,000
Non-GF GO Borrowing	1,511,000	2,260,000	1,309,000	597,000	1,165,000	1,630,000
Reserves Applied	1,370,000	1,340,000	1,237,000	1,201,000	1,579,000	2,278,000
Revenue Bonds	2,524,000	3,984,000	3,001,000	3,024,000	4,049,000	2,191,000
Special Assessment	2,937,000	3,378,000	3,549,000	3,248,000	3,522,000	3,890,000
State Sources	225,000	225,000	225,000	225,000	225,000	225,000
TIF Proceeds	800,000	3,200,000	750,000	1,500,000	-	-
TOTAL	\$ 15,352,000	\$ 21,202,000	\$ 17,736,000	\$ 17,767,000	\$ 18,910,000	\$ 19,003,000

Project
Citywide Element

University Ave (Shorewood To University Bay)
Land Use and Transportation

Project # **11168**
Project Type **Project**

Project Description

This project is for reconstructing University Avenue from Shorewood Boulevard to University Bay Drive. The goal of this project is to enhance the pedestrian and bicycle facilities in the corridor and also improve the pavement quality and stormwater network. The current pavement quality rating is 4 of 10. The project's scope includes street reconstruction, a new pedestrian and bicycle overpass of University Bay Drive for the Campus Drive path, a new sidewalk on the north side of the street, and wider terraces that will enhance pedestrian safety. The project is being set up to provide transit facilities for future Bus Rapid Transit. Funding in 2022 is for construction. The federal funding for this project has been secured. The Village of Shorewood Hills is providing funding for the project. Funds shown is the City's and Village's cost share.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	4,220,000	-	-	-	-	-
Non-GF GO Borrowing	9,796,000	-	-	-	-	-
Municipal Capital Participate	7,929,000	-	-	-	-	-
Reserves Applied	222,000	-	-	-	-	-
Revenue Bonds	638,000	-	-	-	-	-
Special Assessment	246,000	-	-	-	-	-
TOTAL	\$ 23,051,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project
Citywide Element

Wilson St (MLK to King)
Land Use and Transportation

Project # **11543**
Project Type **Project**

Project Description

This project is for replacing the pavement on Wilson Street from Martin Luther King Jr Boulevard to King Street. The goal of this project is to improve the pavement rating, which is currently 4 of 10, and enhance the pedestrian and bicycle facilities along the corridor. The project's scope will construct a new cycle track along Wilson Street. Construction is planned for 2024.

Project Budget by Funding Source

	2022	2023	2024	2025	2026	2027
GF GO Borrowing	-	-	1,220,000	-	-	-
Reserves Applied	-	-	247,000	-	-	-
Revenue Bonds	-	-	205,000	-	-	-
Special Assessment	-	-	273,000	-	-	-
TOTAL	\$ -	\$ -	\$ 1,945,000	\$ -	\$ -	\$ -

Engineering - Major Streets

2022 Appropriation Schedule

2022 Appropriation

Executive Budget

	Request	GO Borrowing	Other	Total
Blair Street, S.	1,662,000	500,000	1,162,000	1,662,000
Blair/John Nolen Intersection	848,000	500,000	348,000	848,000
Bridge Repair	300,000	300,000	-	300,000
CTH AB Interchange	5,000,000	5,000,000	-	5,000,000
Neighborhood Traffic Management & Pedestrian Improvements	350,000	-	-	-
Pavement Management	16,950,000	11,535,000	5,415,000	16,950,000
Pleasant View Road - Phase 1	1,000,000	1,000,000	-	1,000,000
Railroad Crossings & Quiet Zones	1,375,000	25,000	1,350,000	1,375,000
Reconstruction Streets	13,729,000	7,496,000	7,856,000	15,352,000
University Ave (Shorewood To University Bay)	23,051,000	14,016,000	9,035,000	23,051,000
Total 2022 Appropriation	\$ 64,265,000	\$ 40,372,000	\$ 25,166,000	\$ 65,538,000