

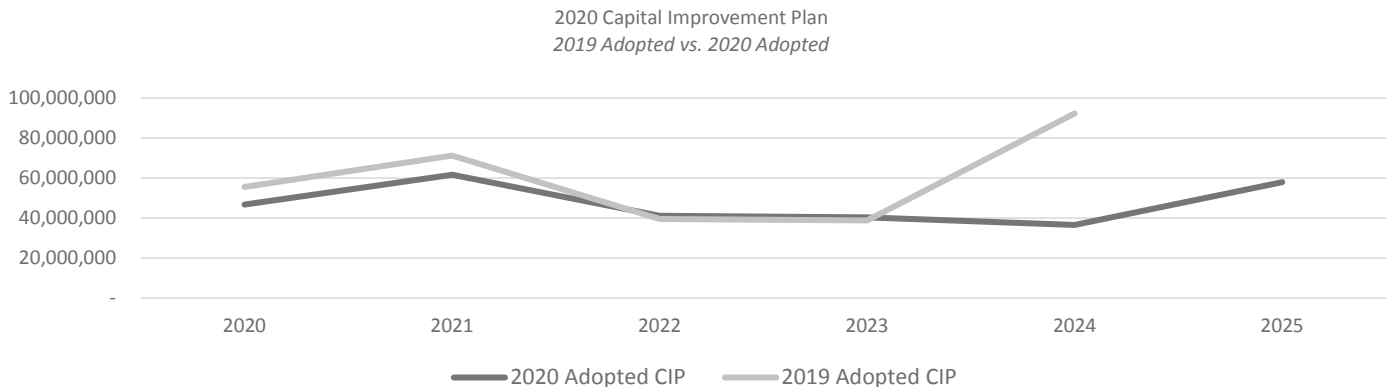
Engineering - Major Streets

Capital Improvement Plan

Project Summary

	2020	2021	2022	2023	2024	2025
Atwood Avenue (Fair Oaks to Cottage Grove)	200,000	-	-	-	-	5,913,000
Blair Street, S.	90,000	-	1,965,000	-	-	-
Blair/John Nolen Intersection	-	-	1,256,000	-	-	-
Bridge Repair	160,000	170,000	170,000	170,000	170,000	177,000
Cedar Street	2,043,000	-	-	-	-	-
Cottage Grove Road (I39 to Sprecher)	2,870,000	-	-	-	-	-
Gammon Road, South	3,917,500	-	-	-	-	-
High Point Road and Raymond Road	311,500	-	-	-	-	-
John Nolen Drive	-	-	-	-	-	13,013,000
Martin Luther King Jr Blvd	800,000	-	-	-	-	-
Neighborhood Traffic Management & Pedestrian	340,000	350,000	350,000	350,000	350,000	364,000
Outer Capitol Loop Southeast	-	-	-	2,168,000	-	-
Park Street, South (Olin To RR)	-	-	-	-	-	911,000
Park Street, South (W Wash-Olin, RR-Badger)	-	1,470,000	-	-	-	-
Pavement Management	18,094,000	24,152,000	18,517,000	18,680,000	18,697,000	19,445,000
Pleasant View Road - Phase 1	-	-	250,000	1,564,000	-	-
Railroad Crossings & Quiet Zones	50,000	50,000	50,000	50,000	50,000	50,000
Reconstruction Streets	17,790,000	19,637,000	18,530,000	17,306,000	15,422,000	17,999,000
University Ave (Shorewood To University Bay)	-	15,778,000	-	-	-	-
Wilson St (MLK to King)	-	-	-	-	1,841,000	-
Total	\$ 46,666,000	\$ 61,607,000	\$ 41,088,000	\$ 40,288,000	\$ 36,530,000	\$ 57,872,000

Changes from 2019 CIP



Projects Added

- High Point and Raymond Road: Funding for planning added in 2020 (\$0.3m)

Project Adjustments

- Cedar Street: Project budget increased (\$0.2m)
- Martin Luther King Jr Blvd: Project scope and budget reduced; project advanced from 2021 to 2020 (\$1.0m)
- Outer Capitol Loop Southeast: Project deferred from 2021 to 2023, funding source changed from TIF to GO Borrowing
- Park Street, South (Olin To RR): Project deferred to 2025
- Pleasant View Road - Phase 1: Project construction advanced from 2024 to 2023
- Wilson St (MLK to King): Project deferred from 2022 to 2024, funding source changed from TIF to GO Borrowing (\$1.8m)

Program Adjustments

- Pavement Management: Program budget increased in 2021 (\$5.1m)
- Railroad Crossings & Quiet Zones: Funding decreased annually (\$0.5m)

Engineering - Major Streets

Budget Overview

2020 CIP by Expenditure Type

	2020	2021	2022	2023	2024	2025
Bridge	160,000	170,000	170,000	170,000	170,000	177,000
Land	-	-	250,000	-	-	-
Sanitary Sewer	9,650,000	13,985,000	11,178,000	10,405,000	9,728,000	11,909,000
Stormwater Network	4,395,000	16,655,000	3,380,000	3,527,000	2,550,000	5,106,000
Street	32,461,000	30,797,000	26,110,000	26,186,000	24,082,000	40,680,000
Total	\$ 46,666,000	\$ 61,607,000	\$ 41,088,000	\$ 40,288,000	\$ 36,530,000	\$ 57,872,000

2020 CIP by Funding Source

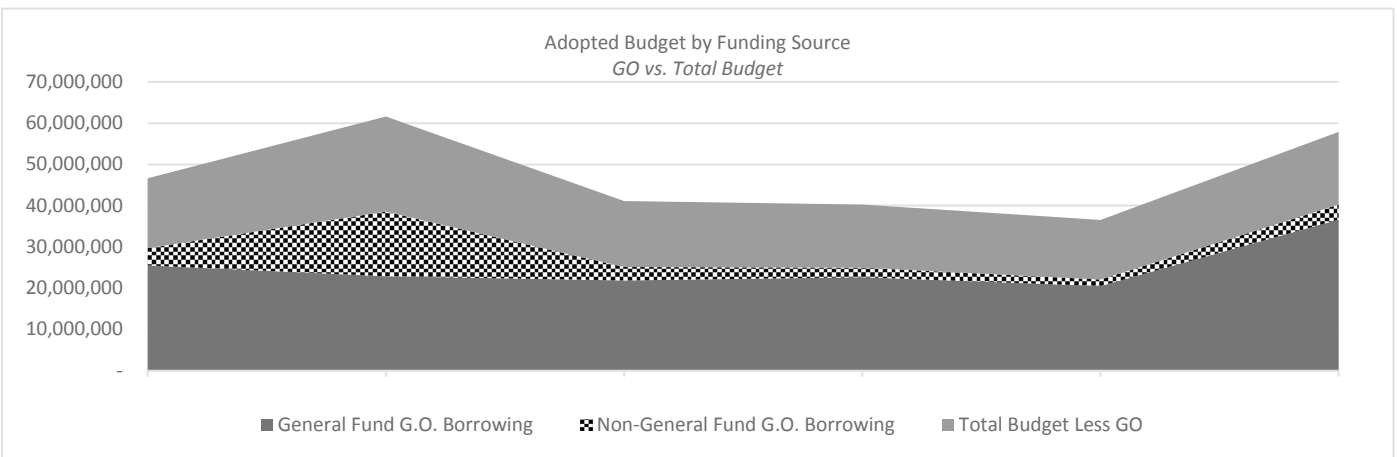
	2020	2021	2022	2023	2024	2025
GF GO Borrowing	25,536,000	22,930,000	21,868,000	22,664,000	20,530,000	36,653,000
Non-GF GO Borrowing	4,155,000	15,618,000	3,242,000	2,309,000	1,563,000	3,621,000
County Sources	1,100,000	-	-	-	-	-
Municipal Capital Participate	-	4,150,000	-	-	-	404,000
Reserves Applied	3,069,000	3,704,000	3,726,000	3,461,000	3,386,000	4,262,000
Revenue Bonds	6,079,000	10,297,000	7,207,000	6,843,000	6,030,000	7,594,000
Special Assessment	6,502,000	4,683,000	4,820,000	4,786,000	4,796,000	5,113,000
State Sources	225,000	225,000	225,000	225,000	225,000	225,000
Total	\$ 46,666,000	\$ 61,607,000	\$ 41,088,000	\$ 40,288,000	\$ 36,530,000	\$ 57,872,000

Borrowing Summary

	2020	2021	2022	2023	2024	2025
Borrowing Schedule						
General Fund G.O. Borrowing	25,536,000	22,930,000	21,868,000	22,664,000	20,530,000	36,653,000
Non-General Fund G.O. Borrowing	4,155,000	15,618,000	3,242,000	2,309,000	1,563,000	3,621,000
Total	\$ 29,691,000	\$ 38,548,000	\$ 25,110,000	\$ 24,973,000	\$ 22,093,000	\$ 40,274,000

Annual Debt Service

General Fund G.O. Borrowing	3,319,680	2,980,900	2,842,840	2,946,320	2,668,900	4,764,890
Non-General Fund G.O. Borrowing	540,150	2,030,340	421,460	300,170	203,190	470,730



Engineering - Major Streets

Project Overview

Project	Atwood Avenue (Fair Oaks to Cottage Grove)	Project #	11127
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for replacing pavement on Atwood Avenue between Fair Oaks Avenue and Cottage Grove Road. The goal of this project is to improve the pavement quality index of this 1.1 mile stretch to ensure safety and ride quality of the road is brought up to City standards. The current pavement quality index of the roadway is 4 of 10. Design is planned for 2020 with construction in 2025.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	200,000	-	-	-	-	4,464,000
Municipal Capital Participate	-	-	-	-	-	404,000
Reserves Applied	-	-	-	-	-	245,000
Revenue Bonds	-	-	-	-	-	700,000
Special Assessment	-	-	-	-	-	100,000
TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 5,913,000

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 St to Blount St. The goal of this project is to improve the pavement quality of the 0.3 mile segment to ensure transportation safety. The project scope includes a new traffic signal for the East Main Street and South Blair Street intersection. The current pavement rating of this road is 3 of 10. Design is planned for 2020 with construction in 2022.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	60,000	-	1,268,000	-	-	-
Reserves Applied	30,000	-	55,000	-	-	-
Revenue Bonds	-	-	575,000	-	-	-
Special Assessment	-	-	67,000	-	-	-
TOTAL	\$ 90,000	\$ -	\$ 1,965,000	\$ -	\$ -	\$ -

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 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.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	-	1,040,000	-	-	-
Reserves Applied	-	-	216,000	-	-	-
TOTAL	\$ -	\$ -	\$ 1,256,000	\$ -	\$ -	\$ -

Project Citywide Element **Bridge Repair Land Use and Transportation** **Project # Project Type** **10538 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. Funding in 2020 is for applying an epoxy coat to bridge surfaces.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	160,000	170,000	170,000	170,000	170,000	177,000
TOTAL	\$ 160,000	\$ 170,000	\$ 170,000	\$ 170,000	\$ 170,000	\$ 177,000

Project Citywide Element **Cedar Street Land Use and Transportation** **Project # Project Type** **11866 Project**

Project Description

This project is for constructing a new road from South Street to South Park Street. The project is associated with new development included in the South Madison neighborhood plan. Funding in 2020 is for construction funded by borrowing from TID 42.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
Non-GF GO Borrowing	800,000	-	-	-	-	-
Special Assessment	1,243,000	-	-	-	-	-
TOTAL	\$ 2,043,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project Citywide Element **Cottage Grove Road (I39 to Sprecher) Land Use and Transportation** **Project # Project Type** **10230 Project**

Project Description

This project is for reconstructing Cottage Grove Road from North Star Drive to Sprecher Road. The goal of the project is to improve the pavement quality index of the existing roadway; the current pavement quality index is 5 of 10. The project is planned for construction in 2020. Federal funding for the project is secured.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	1,500,000	-	-	-	-	-
County Sources	1,100,000	-	-	-	-	-
Reserves Applied	20,000	-	-	-	-	-
Special Assessment	250,000	-	-	-	-	-
TOTAL	\$ 2,870,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project Martin Luther King Jr Blvd **Project #** 11164
Citywide Element Land Use and Transportation **Project Type** Project

Project Description

This project is for replacing sidewalk along Martin Luther King Jr Boulevard from Main Street to Wilson Street. The goal of this project is to improve pedestrian experience. Funding in 2020 is for construction.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	800,000	-	-	-	-	-
TOTAL	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project Neighborhood Traffic Management & Pedestrian **Project #** 10546
Citywide Element Land Use and Transportation **Project Type** Program

Project Description

This program is for traffic and pedestrian safety improvements on local streets. Enhancements include speed bumps, traffic circles, and installation of roadway islands. The goal of this program is to reduce the speed of traffic and improve pedestrian safety. Projects for 2020 will be identified based on existing traffic impacts and associated neighborhood traffic plans.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	340,000	350,000	350,000	350,000	350,000	364,000
TOTAL	\$ 340,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 364,000

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

Project Description

This project is for reconstructing East Doty Street from Martin Luther King Jr. Boulevard to South Webster Street, and South Pinckney from East Doty Street to East Wilson Street. 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 5 of 10. Funding in 2023 is for construction.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	-	-	1,790,000	-	-
Non-GF GO Borrowing	-	-	-	65,000	-	-
Reserves Applied	-	-	-	151,000	-	-
Revenue Bonds	-	-	-	100,000	-	-
Special Assessment	-	-	-	62,000	-	-
TOTAL	\$ -	\$ -	\$ -	\$ 2,168,000	\$ -	\$ -

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 from the railroad to Olin Avenue. The goal of the project is to improve the pavement quality of the roadway. The current pavement rating is 4 of 10. Construction is planned for 2025. Federal funding assumed in the project budget is not yet secured.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	-	-	-	-	600,000
Non-GF GO Borrowing	-	-	-	-	-	70,000
Reserves Applied	-	-	-	-	-	219,000
Special Assessment	-	-	-	-	-	22,000
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 911,000

Project Park Street, South (W Wash-Olin, RR-Badger) **Project #** 11132
Citywide Element Land Use and Transportation **Project Type** Project

Project Description

This project is for repairing deteriorated pavement joints on South Park Street from Badger Road to the Union Pacific Railroad, and from Olin Avenue to West Washington Avenue. The goal of the project is to improve the pavement quality of the existing roadway. The current pavement rating is 4 of 10. Funding in 2021 is for construction on south bound lanes.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	1,470,000	-	-	-	-
TOTAL	\$ -	\$ 1,470,000	\$ -	\$ -	\$ -	\$ -

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 10-13 miles, chip seals 75 miles, and crack seals 75 miles. Projects planned in 2020 include: Toepfer Avenue, East Dayton Street, Lien Road, Anderson Street, South Brooks Street and High Crossing Boulevard.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	10,825,000	11,075,000	11,075,000	11,075,000	11,075,000	11,518,000
Non-GF GO Borrowing	1,598,000	4,378,000	827,000	964,000	1,080,000	1,098,000
Reserves Applied	1,523,000	1,823,000	1,885,000	1,911,000	1,804,000	1,903,000
Revenue Bonds	2,900,000	5,500,000	3,240,000	3,240,000	3,237,000	3,366,000
Special Assessment	1,248,000	1,376,000	1,490,000	1,490,000	1,501,000	1,560,000
TOTAL	\$ 18,094,000	\$ 24,152,000	\$ 18,517,000	\$ 18,680,000	\$ 18,697,000	\$ 19,445,000

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

Project Description

This project is for reconstructing the existing two lane rural roadway to a four lane roadway with bike lanes and sidewalks from US-14 to Old Sauk Road. The goal of this project is to expand the existing roadway as well as improve the pavement quality. The current pavement rating is 5 of 10. Funding in 2022 is for land acquisition with construction in 2023. Federal funding for this project is not yet secured.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	-	250,000	1,564,000	-	-
TOTAL	\$ -	\$ -	\$ 250,000	\$ 1,564,000	\$ -	\$ -

Project Railroad Crossings & Quiet Zones **Project #** 10218
Citywide Element Land Use and Transportation **Project Type** Program

Project Description

This program is for repairing railroad crossings and 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.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	50,000	50,000	50,000	50,000	50,000	50,000
TOTAL	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Project Reconstruction Streets **Project #** 10226
Citywide Element Land Use and Transportation **Project Type** Program

Project Description

This program is for replacing deteriorated streets to maintain neighborhood roadways. This is a continuing program with projects prioritized on an annual basis for efforts to reach Madison's goal of having less than 30% of local streets with a deficient pavement rating of less than 5 of 10. Projects planned in 2020 include: Gregory Street, Copeland Street, Cross Street, Western Avenue, Cedar Street, Vilas Avenue, Campbell Street, North Ingersoll Street, Elizabeth Street, Dunning Street, Jackson Street and LaFollette Avenue.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	7,665,000	7,665,000	7,665,000	7,665,000	7,665,000	7,972,000
Non-GF GO Borrowing	1,757,000	2,640,000	2,415,000	1,280,000	408,000	1,453,000
Reserves Applied	1,473,000	1,561,000	1,570,000	1,399,000	1,410,000	1,390,000
Revenue Bonds	3,179,000	4,275,000	3,392,000	3,503,000	2,527,000	3,528,000
Special Assessment	3,491,000	3,271,000	3,263,000	3,234,000	3,187,000	3,431,000
State Sources	225,000	225,000	225,000	225,000	225,000	225,000
TOTAL	\$ 17,790,000	\$ 19,637,000	\$ 18,530,000	\$ 17,306,000	\$ 15,422,000	\$ 17,999,000

Project	University Ave (Shorewood To University Bay)	Project #	11168
Citywide Element	Land Use and Transportation	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 improve the pavement quality and stormwater network. The current pavement quality rating is 5 of 10. Funding in 2021 is for construction. The federal funding for this project has been secured.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	2,150,000	-	-	-	-
Non-GF GO Borrowing	-	8,600,000	-	-	-	-
Municipal Capital Participate	-	4,150,000	-	-	-	-
Reserves Applied	-	320,000	-	-	-	-
Revenue Bonds	-	522,000	-	-	-	-
Special Assessment	-	36,000	-	-	-	-
TOTAL	\$ -	\$ 15,778,000	\$ -	\$ -	\$ -	\$ -

Project	Wilson St (MLK to King)	Project #	11543
Citywide Element	Land Use and Transportation	Project Type	Project

Project Description

This project is for replacing the concrete 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. Construction is planned for 2024.

Project Budget by Funding Source

	2020	2021	2022	2023	2024	2025
GF GO Borrowing	-	-	-	-	1,220,000	-
Non-GF GO Borrowing	-	-	-	-	75,000	-
Reserves Applied	-	-	-	-	172,000	-
Revenue Bonds	-	-	-	-	266,000	-
Special Assessment	-	-	-	-	108,000	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 1,841,000	\$ -

Engineering - Major Streets

2020 Appropriation Schedule

2020 Appropriation

Adopted Budget

	Request	Executive	GO Borrowing	Other	Total
Atwood Avenue (Fair Oaks to Cottage Grove)	200,000	200,000	200,000	-	200,000
Blair Street, S.	90,000	90,000	60,000	30,000	90,000
Bridge Repair	160,000	160,000	160,000	-	160,000
Cedar Street	2,043,000	2,043,000	800,000	1,243,000	2,043,000
Cottage Grove Road (I39 to Sprecher)	2,870,000	2,870,000	1,500,000	1,370,000	2,870,000
Gammon Road, South	3,917,500	3,917,500	3,636,000	281,500	3,917,500
High Point Road and Raymond Road	461,500	311,500	300,000	11,500	311,500
Intersection Safety Program	500,000	-	-	-	-
Martin Luther King Jr Blvd	-	800,000	800,000	-	800,000
Neighborhood Traffic Management & Pedestrian Improvements	340,000	340,000	340,000	-	340,000
Pavement Management	18,094,000	18,094,000	12,423,000	5,671,000	18,094,000
Railroad Crossings & Quiet Zones	140,000	50,000	50,000	-	50,000
Reconstruction Streets	17,790,000	17,790,000	9,422,000	8,368,000	17,790,000
Total 2020 Appropriation	\$ 46,606,000	\$ 46,666,000	\$ 29,691,000	\$ 16,975,000	\$ 46,666,000