

# Engineering - Major Streets

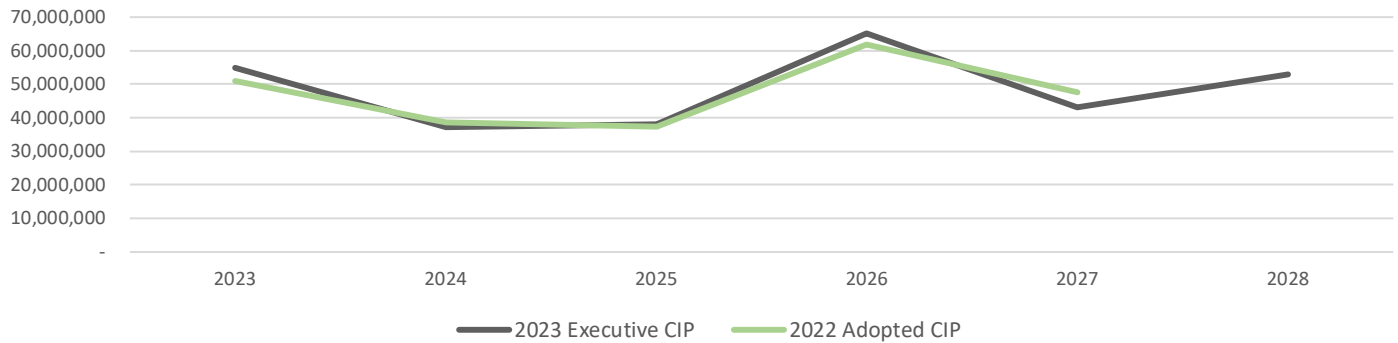
## Capital Improvement Plan

Project Summary: Executive

	2023	2024	2025	2026	2027	2028
Atwood Avenue	6,714,000	-	-	-	-	-
Bridge Repair	170,000	170,000	177,000	186,000	195,000	205,000
High Point/Raymond/MidTown	760,000	-	-	-	1,000,000	11,364,000
John Nolen Drive	-	-	5,000	19,232,000	2,388,000	-
Mineral Point Road	280,000	-	-	5,150,000	-	-
Outer Capitol Loop Southeast	-	2,341,000	-	-	-	-
Park Street, South (Olin To RR)	155,000	-	-	1,040,000	-	-
Pavement Management	16,305,000	16,657,000	20,504,000	20,805,000	20,984,000	21,933,000
Pleasant View Road - Phase 1	3,684,000	-	-	-	-	-
Railroad Crossings	6,000,000	-	-	-	-	-
Reconstruction Streets	20,829,000	16,051,000	17,247,000	18,748,000	18,603,000	19,536,000
Wilson St (MLK to King)	-	1,982,000	-	-	-	-
	<b>\$ 54,897,000</b>	<b>\$ 37,201,000</b>	<b>\$ 37,933,000</b>	<b>\$ 65,161,000</b>	<b>\$ 43,170,000</b>	<b>\$ 53,038,000</b>

## Changes from 2022 CIP

2023 Capital Improvement Plan  
2023 Executive vs. 2022 Adopted



## Major Changes

- Atwood Avenue
  - Project budget increased \$761k, including \$520k in GO borrowing and \$150k in special assessments, to reflect final project plans and inflation
- High Point/Raymond Road
  - \$13.1m project added to CIP to extend High Point Road and realign Raymond and Mid Town Roads
  - Funding in 2023 will support additional design work, with funding in 2027 for real estate acquisition and 2028 for construction
- John Nolen Drive
  - The City received an additional \$2.1m in Federal funding, so GF GO borrowing was reduced by an equivalent amount
- Mineral Point Road
  - Project advanced from 2027 to 2026 to reflect updated Wisconsin Department of Transportation scheduling
- Outer Capitol Loop Southeast
  - Project delayed from 2023 to 2024 to allow for coordination with the Judge Doyle Square development
- Pavement Management
  - Program budget decreased \$900k in 2023 to reflect changes in multiple funding sources, including a \$1.3m decrease in Sewer borrowing, a \$583k decrease in Stormwater borrowing, a \$160k decrease in reserves applied, a \$1.2m increase in TID supported borrowing, and other updated estimates
- Railroad Crossings
  - 2023 budget increased to \$1m in GF GO Borrowing and \$5m in federal sources to reflect a grant application to the Federal Railroad Administration for Railroad Crossing Safety Improvements, which includes a 20% local match; funding is contingent upon awarding of the grant
- Reconstruction Streets
  - GF GO Borrowing decreased by \$4.1m from 2023-2025; reduction is partially offset by increases in non-GF GO Borrowing and Reserves applied to reflect shifting Stormwater costs between years and updated project estimates

# Engineering - Major Streets

## Budget Overview

### 2023 CIP by Expenditure Type

	2023	2024	2025	2026	2027	2028
Bridge	170,000	170,000	177,000	186,000	195,000	205,000
Land	-	-	-	-	1,000,000	-
Sanitary Sewer	9,437,000	7,799,000	10,926,000	12,251,000	10,738,000	11,975,000
Stormwater Network	7,285,000	5,200,000	3,820,000	9,350,000	3,720,000	6,120,000
Street	38,005,000	24,032,000	23,010,000	43,374,000	27,517,000	34,738,000
<b>Total Expenditures</b>	<b>\$ 54,897,000</b>	<b>\$ 37,201,000</b>	<b>\$ 37,933,000</b>	<b>\$ 65,161,000</b>	<b>\$ 43,170,000</b>	<b>\$ 53,038,000</b>

### 2023 CIP by Funding Source

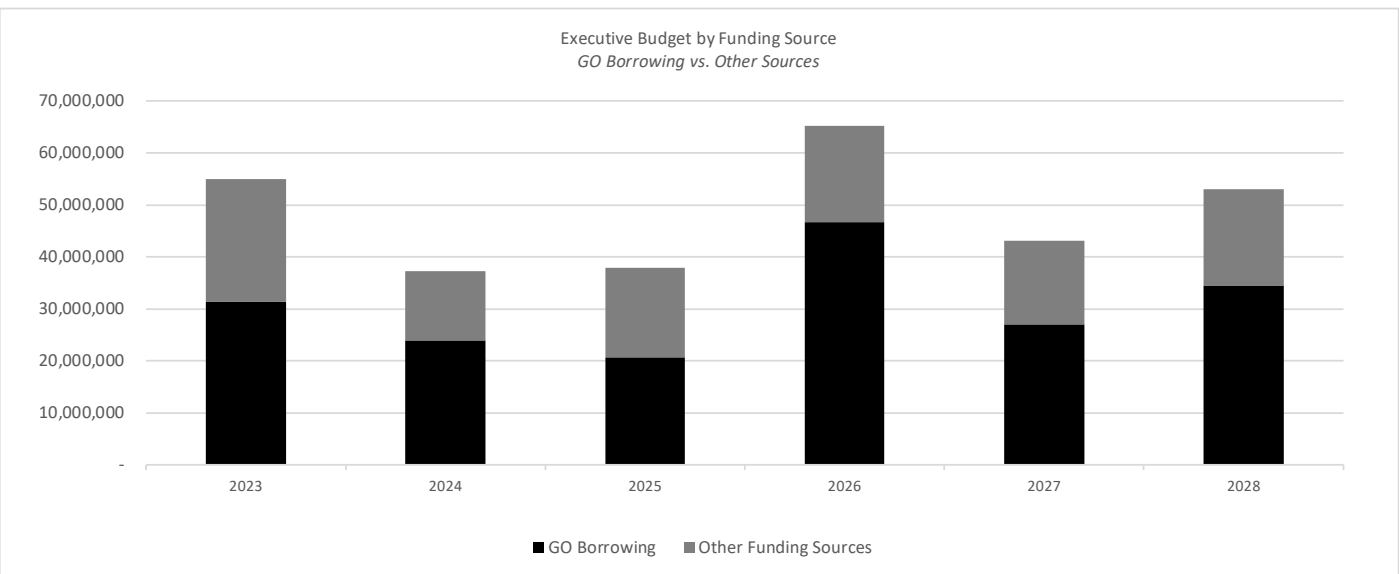
	2023	2024	2025	2026	2027	2028
GF GO Borrowing	26,120,000	20,140,000	17,887,000	39,582,000	24,546,000	30,580,000
Non-GF GO Borrowing	5,294,000	3,785,000	2,762,000	7,069,000	2,519,000	3,886,000
Federal Sources	5,000,000	-	-	-	-	-
Impact Fees	-	-	-	-	-	1,000,000
Municipal Capital Participate	486,000	-	-	-	-	-
Reserves Applied	3,197,000	3,626,000	4,841,000	6,395,000	4,910,000	5,654,000
Revenue Bonds	6,197,000	4,766,000	5,796,000	6,683,000	5,369,000	5,540,000
Special Assessment	5,178,000	4,659,000	4,922,000	5,207,000	5,601,000	6,153,000
State Sources	225,000	225,000	225,000	225,000	225,000	225,000
TIF Increment	3,200,000	-	1,500,000	-	-	-
<b>Total Funding</b>	<b>\$ 54,897,000</b>	<b>\$ 37,201,000</b>	<b>\$ 37,933,000</b>	<b>\$ 65,161,000</b>	<b>\$ 43,170,000</b>	<b>\$ 53,038,000</b>

### Borrowing Summary

	2023	2024	2025	2026	2027	2028
<b>Borrowing Schedule</b>						
General Fund GO Borrowing	26,120,000	20,140,000	17,887,000	39,582,000	24,546,000	30,580,000
Non-General Fund GO Borrowing	5,294,000	3,785,000	2,762,000	7,069,000	2,519,000	3,886,000
<b>Total GO Borrowing</b>	<b>\$ 31,414,000</b>	<b>\$ 23,925,000</b>	<b>\$ 20,649,000</b>	<b>\$ 46,651,000</b>	<b>\$ 27,065,000</b>	<b>\$ 34,466,000</b>

### Annual Debt Service

General Fund GO Borrowing	3,395,600	2,618,200	2,325,310	5,145,660	3,190,980	3,975,400
Non-General Fund GO Borrowing	688,220	492,050	359,060	918,970	327,470	505,180



## Engineering - Major Streets

### Budget Overview

Carry Forward GO Borrowing

	Unused Appropriation Authority	Reauthorized GO Borrowing
11984 ATWOOD AVE RECONSTRUCTION	31,600	238,702
13838 BLAIR ST	951,235	711,531
10538 BRIDGE REPAIR & REPLACEMENT	496,895	487,112
13061 CEDAR ST	208,988	-
11574 COTTAGE GROVE ROAD	368,501	76,498
13013 CTH AB INTERCHANGE	8,725,288	4,999,389
13835 CTH M	4,065,821	122,376
11130 GAMMON ROAD, SOUTH	1,416,103	517,290
12454 HIGH POINT RD AND RAYMOND RD	299,347	199,500
11786 INTERSTATE 94 INTERCHANGE STUDY	250,000	250,000
11860 JOHN NOLEN DRIVE	436,300	1,980,000
11164 MARTIN LUTHER KING JR BLVD	163,358	100,179
10245 MCKEE RD (CTH PD) IMPROVEMENTS	391,847	-
11131 MINERAL POINT RD (BELTLINE-HIGH PT)	124,000	100,000
10546 NEIGHBORHOOD TRAFFIC MGMT & PED IMP	28,554	-
10540 PAVEMENT MANAGEMENT	7,266,345	5,241,897
10284 PLEASANT VIEW ROAD	1,231,361	1,185,000
10218 RAILROAD CROSSINGS & QUIET ZONES	1,460,921	86,364
10226 RECONSTRUCTION STREETS	14,620,766	6,809,273
10204 RURAL TO URBAN STREETS	25,768	153,455
11133 S PARK ST (OLIN TO RR)	174,534	299,534
11132 S PARK ST (W WASH-OLIN, RR-BADGER)	216,176	167,686
11168 UNIVERSITY AVE (SHOREWOOD-UNIV BAY)	1,013,411	3,411,509
11459 WILSON ST (MLK - S HAMILTON)	105,691	-
	\$ 44,072,808	\$ 27,137,295

# Engineering - Major Streets

## Project Overview

Project	<b>Atwood Avenue</b>	Project #	<b>11127</b>
Citywide Element	<b>Land Use and Transportation</b>	Project Type	<b>Project</b>

### 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 approved by the Metropolitan Planning Organization (MPO). Funding shown is City cost share.

### Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	4,530,000	-	-	-	-	-
Municipal Capital Participate	486,000	-	-	-	-	-
Reserves Applied	350,000	-	-	-	-	-
Revenue Bonds	797,000	-	-	-	-	-
Special Assessment	551,000	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 6,714,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Project	<b>Bridge Repair</b>	Project #	<b>10538</b>
Citywide Element	<b>Land Use and Transportation</b>	Project Type	<b>Program</b>

### 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 2023 is for epoxy resurfacing of bridge decks.

### Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	170,000	170,000	177,000	186,000	195,000	205,000
<b>TOTAL</b>	<b>\$ 170,000</b>	<b>\$ 170,000</b>	<b>\$ 177,000</b>	<b>\$ 186,000</b>	<b>\$ 195,000</b>	<b>\$ 205,000</b>

Project	<b>High Point/Raymond/MidTown</b>	Project #	<b>12454</b>
Citywide Element	<b>Land Use and Transportation</b>	Project Type	<b>Project</b>

### Project Description

This project funds the construction of a realignment of Raymond and Mid Town Roads as included in the High Point Raymond Neighborhood Development Plan. The project includes a multi use path, stormwater improvements and an extension of High Point Road. Funding in 2023 is for design, 2027 is for real estate acquisition, and 2028 is for construction.

### Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	750,000	-	-	-	1,000,000	8,364,000
Non-GF GO Borrowing	-	-	-	-	-	1,300,000
Impact Fees	-	-	-	-	-	1,000,000
Reserves Applied	10,000	-	-	-	-	48,000
Revenue Bonds	-	-	-	-	-	50,000
Special Assessment	-	-	-	-	-	602,000
<b>TOTAL</b>	<b>\$ 760,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,000,000</b>	<b>\$ 11,364,000</b>

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 Drive 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 2026-27. Federal funding for the project has been approved.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	-	-	-	17,732,000	2,388,000	-
Non-GF GO Borrowing	-	-	-	1,000,000	-	-
Reserves Applied	-	-	5,000	500,000	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,000</b>	<b>\$ 19,232,000</b>	<b>\$ 2,388,000</b>	<b>\$ -</b>

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 funding for the project has been approved. Funding shown is the City's cost share.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	280,000	-	-	1,100,000	-	-
Non-GF GO Borrowing	-	-	-	3,550,000	-	-
Reserves Applied	-	-	-	500,000	-	-
<b>TOTAL</b>	<b>\$ 280,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,150,000</b>	<b>\$ -</b>	<b>\$ -</b>

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. Funding in 2024 is for construction.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	-	1,790,000	-	-	-	-
Reserves Applied	-	355,000	-	-	-	-
Special Assessment	-	196,000	-	-	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 2,341,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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. The project includes creating a new multi-use path and aligning the roadway for future BRT expansion. Design is planned for 2023 and construction is planned for 2026.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	150,000	-	-	600,000	-	-
Reserves Applied	5,000	-	-	417,000	-	-
Special Assessment	-	-	-	23,000	-	-
<b>TOTAL</b>	<b>\$ 155,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,040,000</b>	<b>\$ -</b>	<b>\$ -</b>

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 2023 include: Hammersley, Broom/Henry/Wilson, W Main, Segoe/Sheboygan, S Pinckney & W Beltline Frontage Rd.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	10,575,000	10,575,000	11,018,000	11,594,000	12,174,000	12,783,000
Non-GF GO Borrowing	2,154,000	1,900,000	1,580,000	1,380,000	1,380,000	1,380,000
Reserves Applied	1,135,000	1,345,000	3,336,000	3,181,000	2,441,000	2,905,000
Revenue Bonds	1,400,000	1,765,000	2,900,000	2,913,000	3,309,000	3,100,000
Special Assessment	1,041,000	1,072,000	1,670,000	1,737,000	1,680,000	1,765,000
<b>TOTAL</b>	<b>\$ 16,305,000</b>	<b>\$ 16,657,000</b>	<b>\$ 20,504,000</b>	<b>\$ 20,805,000</b>	<b>\$ 20,984,000</b>	<b>\$ 21,933,000</b>

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 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 2023. Federal funding for this project is secured.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	3,350,000	-	-	-	-	-
Reserves Applied	99,000	-	-	-	-	-
Special Assessment	235,000	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 3,684,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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

*Project Description*

This program is for installing safety infrastructure for railroad crossings. The goal of this program is to provide safe railroad crossings and improve the quality of neighborhoods adjacent to railroads. Projects planned for 2023 include a local 20% match for a federal grant application to the Federal Railroad Administration for Railroad Crossing Safety Improvements. This funding is contingent upon awarding of the grant.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	1,000,000	-	-	-	-	-
Federal Sources	5,000,000	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 6,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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. Projects funded include those where a full street replacement is necessary. Projects planned in 2023 include: Sommers, Center, Willard, Hudson, Miller, Lowell, Dempsey, Davies, Lake Mendota Dr, Doncaster, Beverly, Danbury, Blue Harvest, Feathers Edge, Owen, Schmitt & Harvey.

*Project Budget by Funding Source*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	5,315,000	6,385,000	6,692,000	8,370,000	8,789,000	9,228,000
Non-GF GO Borrowing	3,140,000	1,885,000	1,182,000	1,139,000	1,139,000	1,206,000
Reserves Applied	1,598,000	1,439,000	1,500,000	1,797,000	2,469,000	2,701,000
Revenue Bonds	4,000,000	3,001,000	2,896,000	3,770,000	2,060,000	2,390,000
Special Assessment	3,351,000	3,116,000	3,252,000	3,447,000	3,921,000	3,786,000
State Sources	225,000	225,000	225,000	225,000	225,000	225,000
TIF Increment	3,200,000	-	1,500,000	-	-	-
<b>TOTAL</b>	<b>\$ 20,829,000</b>	<b>\$ 16,051,000</b>	<b>\$ 17,247,000</b>	<b>\$ 18,748,000</b>	<b>\$ 18,603,000</b>	<b>\$ 19,536,000</b>

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 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*

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	-	1,220,000	-	-	-	-
Reserves Applied	-	487,000	-	-	-	-
Special Assessment	-	275,000	-	-	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 1,982,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



# Engineering - Major Streets

## 2023 Appropriation Schedule

### 2023 Appropriation

### Executive Budget

	Request	GO Borrowing	Other	Total
Atwood Avenue	6,714,000	4,530,000	2,184,000	6,714,000
Bridge Repair	170,000	170,000	-	170,000
High Point/Raymond/MidTown	760,000	750,000	10,000	760,000
Mineral Point Road	280,000	280,000	-	280,000
Park Street, South (Olin To RR)	155,000	150,000	5,000	155,000
Pavement Management	16,305,000	12,729,000	3,576,000	16,305,000
Pleasant View Road - Phase 1	3,684,000	3,350,000	334,000	3,684,000
Railroad Crossings	-	1,000,000	5,000,000	6,000,000
Reconstruction Streets	22,329,000	8,455,000	12,374,000	20,829,000
	<b>\$ 50,397,000</b>	<b>\$ 31,414,000</b>	<b>\$ 23,483,000</b>	<b>\$ 54,897,000</b>