



City of
BELOIT, Wisconsin

2018 - 2023

Capital Improvement
Program

Approved by City Council

November 6, 2017

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November 6, 2017

To the City Council and Citizens of the City of Beloit

Dear Mr. President and Members of the City Council:

It is my pleasure to present to you the approved 2018-2023 Capital Improvement Program (CIP) for the City of Beloit. The CIP represents a plan to meet the capital improvement needs of the City and its citizens over the course of the six year planning period. The first year of the CIP represents the capital budget for next fiscal year. The ensuing five year period identifies long range capital improvements critical to the future needs of the City and community. The CIP also identifies how the City proposes to fund the capital improvements.

Next year's Capital Improvement Program (CIP) budget includes projects totaling \$19 million which is a \$8.9 million increase from 2017. Funding for the CIP projects consist of \$5.47 million in general obligation bonds/notes, \$8.8 million in utility revenue bonds, \$2 million of fund balance, \$894,580 of equipment funds, \$1 million of operating funds (from utility revenues), and \$905,100 from special assessments, State and Federal aids, and other funding sources. The projects include \$12.3 million in infrastructure improvements, \$2.3 million in capital equipment, \$2.2 million in economic development, and \$1.1 million in buildings and grounds.

The City's debt policy requires maintaining an outstanding general obligation debt to equalized assessed value ratio of 3.5% or less. The City anticipates being within policy at 3.08% with \$5.4 million in general obligation borrowing planned for next year.

The six year CIP includes projects totaling \$59 million covering the following types of improvements:

Infrastructure Improvements	\$38,763,731
Development & Redevelopment	7,091,500
Buildings & Grounds	6,744,000
Capital Equipment	4,477,732
Financing of Issue	1,890,102
Total	<u>\$58,967,065</u>

The \$19 million 2018 Capital Budget includes the following projects:

Street and Intersection Improvements

Most of the street projects scheduled for next year will be for street resurfacing at various locations around the City, terrace tree planting and removal, sidewalk improvements, City parking lot rehabs, and painting Fifth St. path over the Rock River. There will be the annual street maintenance and design for the reconstruction/rehabilitation of Keeler Ave. from Park Ave. to Wisconsin Ave., reconstruction of Townline Ave. from Madison Rd. to Whipple St. and resurfacing of Shopiere Rd. from Prairie Ave. to Cranston Rd.

Economic Development

Projects funded from tax increment district 10 include Gateway Detention Basin “A” Grading, South Gateway Blvd. Water Main Extension, and Gateway Sewer and Water Extension from Townhall Rd. to Hart Rd. before the expenditure period ends in 2018.

City Facilities

The total budget for building and grounds improvements is \$1.1 million. This consists of a variety of projects such as City owned building evaluations and repairs, continuing City Hall security improvements and City Hall window replacements. There will be several park and recreation projects, including Grinnell Hall roof replacements and Rotary River Center roof replacement. The Library is planning a space redesign to restructure service areas and better serve patrons.

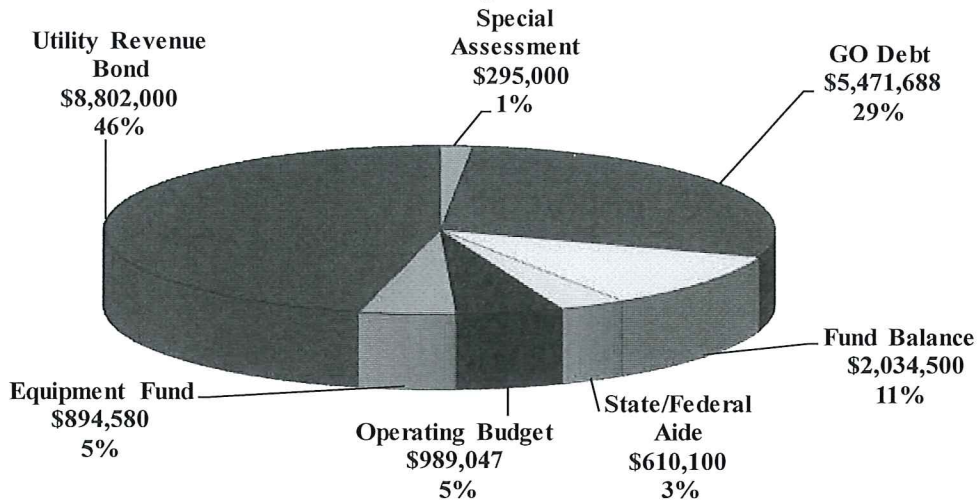
Capital Equipment

The Fire Department is replacing one of their Engines and Ambulances. The Information Systems Department has a number of items included for 2018 with a Network Core Replacement, Phone System Replacement, purchasing City Hall battery backups and continuing the Fiber Optic and Radio Expansion.

2018-2023 Capital Improvement Plan

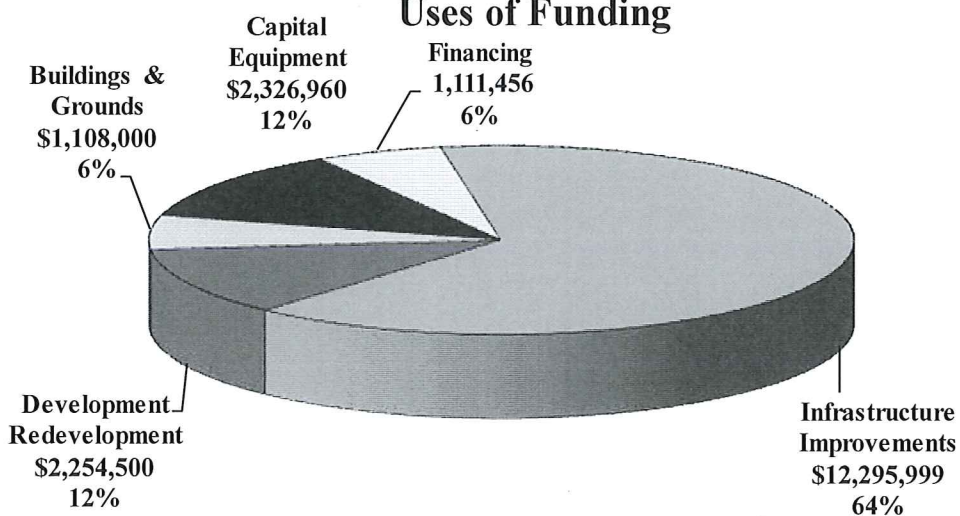
The 2018-2023 Capital Plan identifies capital projects and estimates the cost presently projected for the ensuing five year planning period. The projects identified in these years are either multi-year projects continued from previous years or are those projects worth consideration for which funding has not been identified. The funding for most of these projects will largely depend on the City’s ability to issue new general obligation debt in relation to the City’s established debt policies which will be impacted by changes to the equalized assessed values.

2018 Capital Improvement Budget Funding Sources



Total Capital Improvement Budget - \$19,096,915

2018 Capital Improvement Budget Uses of Funding



Total Capital Improvement Budget - \$19,096,915

In future years, the City's success in being able to meet its capital projects needs will largely be dependent on the continued ability to issue general obligation debt, the availability of Federal and State grants, and the success of our Tax Increment Districts.

Finally, I would like to thank all of the City's department directors for their valuable contributions toward the overall management of the CIP process and I want to particularly thank Eric Miller and Jessica Tison who coordinated the overall effort of developing this document.

Lori S. Curtis Luther
City Manager

**CITY OF BELOIT
2018 CAPITAL IMPROVEMENT BUDGET**

	Project Title	2018 Total Budget	GO Debt	Utility Revenue Bond	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Operating Budget	Other
GENERAL OBLIGATION FINANCING										
General Public Works										
P2902258	DPW Operations	TERRACE TREE PLANTING & REMOVAL	120,000	120,000						
P2902268	Engineering	SIDEWALK IMPROVEMENTS	115,000	20,000			95,000			
P2901400	Engineering	CITY OWNED PARKING LOT REHAB	50,000	50,000						
P2905528	Engineering	PAINTING FIFTH ST. PATH OVER ROCK RIVER	49,500	49,500						
Street Maintenance & Improvements										
P2902187	Engineering	STREET MAINTENANCE	1,500,000	1,500,000						
P2902188	Engineering	SPECIAL ASSESSMENT PROJECTS	100,000				100,000			
P2905660	Engineering	TOWNLINE RECONSTRUCTION (MADISON-WHIPPLE)	399,702	399,702						
P2903529	Engineering	KEELER AVE RECONSTRUCTION (PARK AVE - WISCONSIN)	36,000	36,000						
P2903530	Engineering	SHOPIERE ROAD RESURFACING: PRAIRIE - CRANSTON	458,000	458,000						

**CITY OF BELOIT
2018 CAPITAL IMPROVEMENT BUDGET**

	Project Title	2018 Total Budget	GO Debt	Utility Revenue Bond	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Operating Budget	Other
Repair and Renovation of Existing Operations										
P2910450	Parks & Leisure Services	PARK FACILITIES & AMENITIES ENHANCEMENT	100,000	100,000						
P2910575	Parks & Leisure Services	RECREATION FACILITY ENHANCEMENTS	121,000	121,000						
P2970666	Engineering	CITY OWNED BUILDING EVALUATIONS & REPAIRS	125,000	125,000						
P2913663	City Manager/City Hall	CITY HALL SECURITY IMPROVEMENTS	160,000	160,000						
P2913531	Engineering	CITY HALL WINDOW REPLACEMENT	181,000	181,000						
P2913532	Engineering	GRINNELL HALL ROOF REPLACEMENT	141,000	141,000						
P2913533	Library	PUBLIC LIBRARY SPACE REDESIGN	49,000	49,000						
P2913534	Engineering	ROTARY RIVER CENTER ROOF REPLACEMENT	171,000	171,000						

**CITY OF BELOIT
2018 CAPITAL IMPROVEMENT BUDGET**

	Project Title	2018 Total Budget	GO Debt	Utility Revenue Bond	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Operating Budget	Other
Equipment Replacement										
P2913535	Information Systems	NETWORK CORE REPLACEMENT	85,000	85,000						
P2913536	Information Systems	PHONE SYSTEM REPLACEMENT	180,000	180,000						
P2911537	Fire	TURN OUT GEAR REPLACEMENT	110,700	55,350					55,350	
P2911538	DPW Operations	REPLACE FLEET OVERHEAD HOSE REELS	20,000	20,000						
P2911539	Engineering	REPLACEMENT OF CO & NO2 SENSORS IN 4 BUILDINGS	57,900	57,900						
Vehicle Replacement										
P2963030	Fire	ENGINE 697 REPLACEMENT	230,000	230,000						
New Equipment										
P2919643	Information Systems	FIBER OPTIC & RADIO EXPANSION	217,500	217,500						
P2911540	Information Systems	CITY HALL BATTERY BACKUP UPS	15,000	15,000						
P2913541	DPW Operations	STOREROOM PALLET STACKER	16,280	16,280						
P2902644	DPW Operations	SOLID WASTE VEHICLE STORAGE & TRANSFER FACILITY	894,580			894,580				
P2909542	City Manager/Finance and Administrative Services	SOFTWARE	500,000	500,000						
Other Community Development										
P2967520	Community Development	PROPERTY ACQUISITION & DEMOLITION	220,000	220,000						
			6,423,162	5,278,232	0	0	894,580	195,000	0	55,350
		GO Financing Costs @ Approximately 2.5%	131,956	131,956						
		GO STREETS, OPERATIONS, & EQUIPMENT FINANCING	6,555,118	5,410,188	0	0	894,580	195,000	0	55,350
Cemetery										
P2210631	Parks & Leisure Services	CEMETERIES REPAIRS	20,000	20,000						
P2210543	Engineering	CEMETERY OFFICE ROOF REPLACEMENT	40,000	40,000						
			60,000	60,000	0	0	0	0	0	0
		Financing Costs @ Approximately 2.5%	1,500	1,500						
		TOTAL CEMETERY FINANCING	61,500	61,500	0	0	0	0	0	0
TOTAL GENERAL OBLIGATION FINANCING COSTS			6,616,618	5,471,688	0	0	894,580	195,000	0	55,350

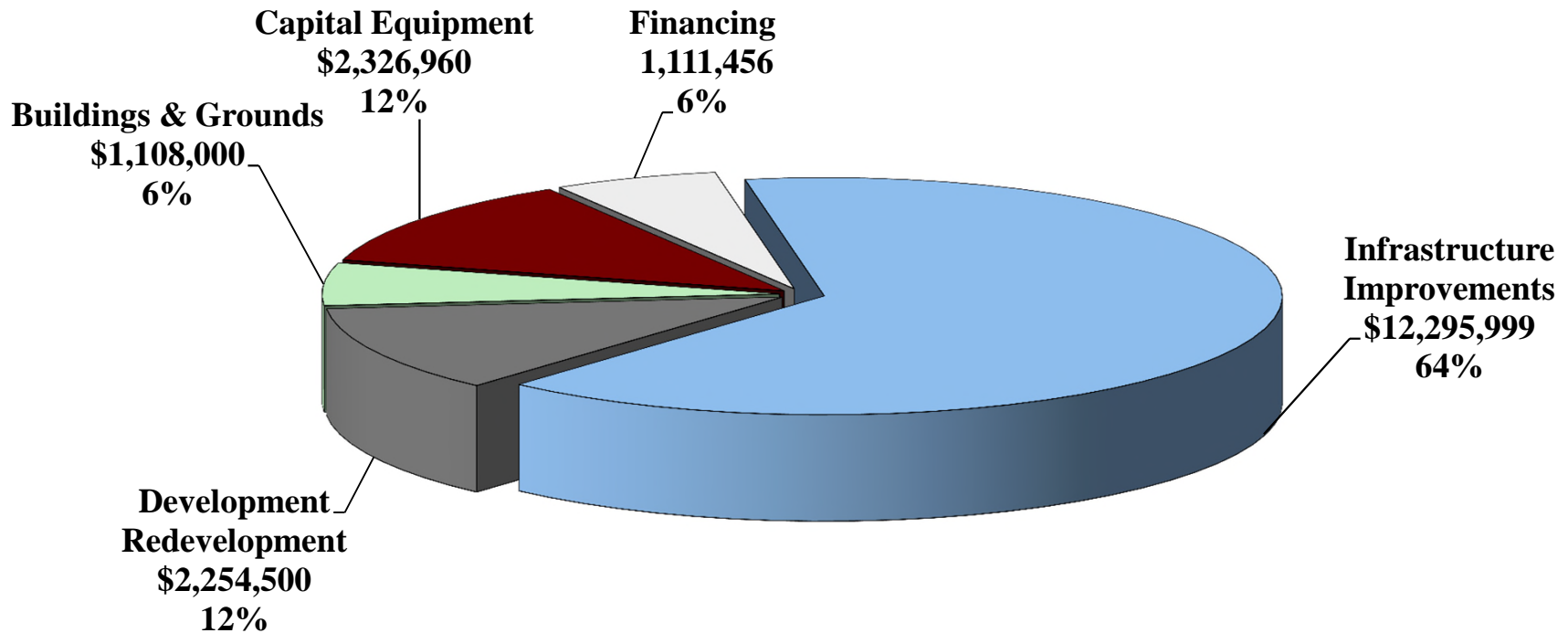
**CITY OF BELOIT
2018 CAPITAL IMPROVEMENT BUDGET**

Project Title			2018 Total Budget	GO Debt	Utility Revenue Bond	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Operating Budget	Other
UTILITIES FINANCING											
Sanitary Sewer and Wastewater Treatment											
P2304199	Water Resources	SANITARY SEWER REPAIR	534,000							534,000	
P2311544	Water Resources	WPCF PORTABLE EMERGENCY GENERATOR	275,000		275,000						
P2310545	Water Resources	CLARIFIER REPAIRS & UPGRADES	150,000							150,000	
P2305649	Water Resources	LIFT STATION PUMPING EQUIPMENT UPGRADES	878,000		878,000						
P2310546	Water Resources	ANAEROBIC DIGESTER MIXING	2,276,000		2,276,000						
P2303547	Water Resources	WPCF ROADWAY RESURFACING	231,000		231,000						
P2309548	Water Resources	WPCF STORAGE BUILDING ADDITION	120,000							120,000	
P2304549	Engineering	SANITARY SEWER RELOCATION FOR I39/90	610,100						610,100		
			5,074,100	0	3,660,000	0	0	0	610,100	804,000	0
		Revenue Bond Financing Costs @ Approximately 12.5%	457,500		457,500						
		TOTAL SANITARY SEWER FINANCING	5,531,600	0	4,117,500	0	0	0	610,100	804,000	0
Public Water Supply											
P2605472	Water Resources	WELL PUMPING EQUIPMENT	108,000		108,000						
P2605634	Water Resources	WATER METER FLEXNET TRANSMITTERS	1,500,000		1,500,000						
P2605587	Water Resources	WATER METER REPLACEMENT	798,000		798,000						
P2605550	Water Resources	SUB 6" WATER MAIN REPLACEMENT	418,000		418,000						
P2605650	Water Resources	SHORE DRIVE WATER MAIN	820,000		820,000						
P2605551	Water Resources	UTE WATER MAIN IMPROVEMENTS	520,000		520,000						
P2605552	Water Resources	WATER LEAD SERVICE REPLACEMENT PROGRAM	100,000					100,000			
			4,264,000	0	4,164,000	0	0	100,000	0	0	0
		Revenue Bond Financing Costs @ Approximately 12.5%	4,784,500	0	520,500						
		TOTAL WATER UTILITY FINANCING	4,784,500	0	4,684,500	0	0	100,000	0	0	0

**CITY OF BELOIT
2018 CAPITAL IMPROVEMENT BUDGET**

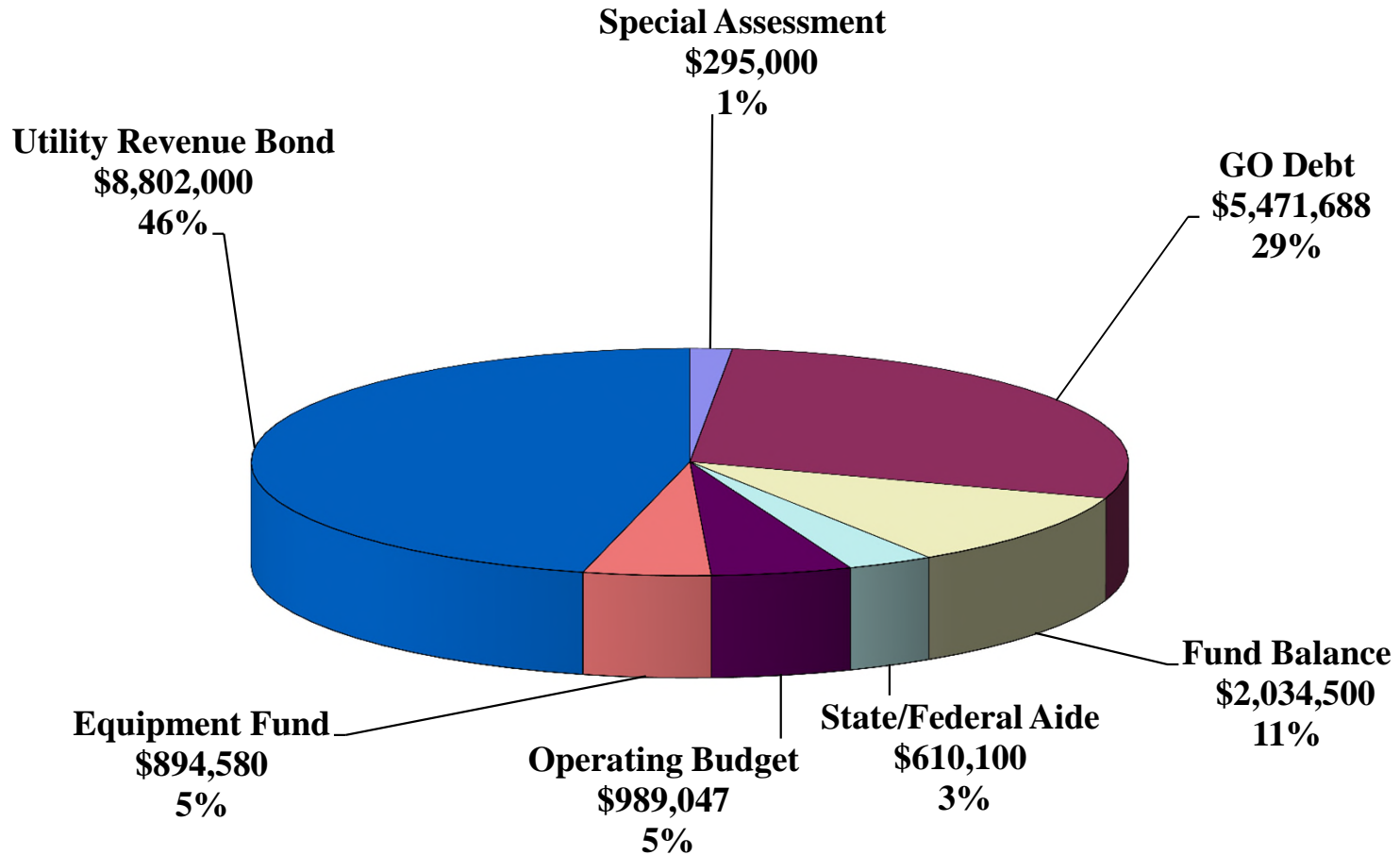
Project Title			2018 Total Budget	GO Debt	Utility Revenue Bond	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Operating Budget	Other
Storm Water											
P2710553	Storm Water	KRUEGER STORM POND LINER REPAIR	75,000							75,000	
P2710554	Storm Water	STORM SEWER IMPROVEMENTS	54,697							54,697	
TOTAL STORM WATER UTILITY FINANCING			129,697	0	0	0	0	0	0	129,697	0
TID #10											
P5009555	Engineering	GATEWAY DETENTION BASIN A GRADING	225,000			225,000					
P5009556	Water Resources	SOUTH GATEWAY BOULEVARD WATER MAIN EXTENSION	602,500			602,500					
P5009557	Engineering	GATEWAY SEWER & WATER EXTENSION (TOWNHALL-HART)	1,207,000			1,207,000					
Lease Revenue Financing Costs @ Approximately 12.5%			0	0	0	0	0	0	0	0	0
TOTAL TID #10 FINANCING			2,034,500	0	0	2,034,500	0	0	0	0	0
GRAND TOTAL ALL ISSUES			19,096,915	5,471,688	8,802,000	2,034,500	894,580	295,000	610,100	989,047	0

2018 Capital Improvement Budget Uses of Funding



**Total Capital Improvement Budget -
\$19,096,915**

2018 Capital Improvement Budget Funding Sources



**Total Capital Improvement Budget -
\$19,096,915**

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total
		2018	2019	2020	2021	2022	2023	Budget
<i>Infrastructure Improvements</i>								
General Public Works								
TERRACE TREE PLANTING & REMOVAL	\$100,000	\$120,000	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$500,000
SIDEWALK IMPROVEMENTS	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$805,000
CITY OWNED PARKING LOT REHAB	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000
PAINTING FIFTH ST. PATH OVER ROCK RIVER		\$49,500						\$49,500
B-J BIKE TRAIL DEVELOPMENT	\$286,320			\$149,500				\$435,820
TOTAL GENERAL PUBLIC WORKS	\$551,320	\$334,500	\$245,000	\$364,500	\$215,000	\$215,000	\$215,000	\$2,140,320
Street and Intersection Improvements								
STREET MAINTENANCE	\$1,437,499	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,437,499
SPECIAL ASSESSMENTS	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000
TOWNLIN RECONSTRUCTION (MADISON-KEELER AVE RECONSTRUCTION (PARK AVE - SHOPIERE ROAD RESURFACING: PRAIRIE - BROAD STREET BRIDGE BEARING REPLACEMENT	\$26,000	\$399,702						\$425,702
		\$36,000	\$288,576					\$324,576
		\$458,000						\$458,000
			\$245,000	\$245,000				\$490,000
WILLOWBROOK RD CONCRETE PAVEMENT REPAIRS			\$123,000					\$123,000
HENRY AVE RESURFACING : PARK - ROYCE	\$21,500		\$310,000					\$331,500
PRAIRIE AVE RECONSTRUCTION: CRANSTON-HUEBBE	\$350,000		\$1,198,000					\$1,548,000
LIBERTY AVE. INTERSECTION CONCRETE PAVEMENT REPAIRS				\$275,000				\$275,000
MILWAUKEE RD CONCRETE PAVEMENT REPAIRS				\$213,000	\$213,000			\$426,000
HENRY AVE RESURFACING: RIVERSIDE - PARK TOWNLIN CURB & GUTTER (SHIRLAND-ST.LAWRENCE)				\$207,000				\$207,000
HENRY AVE - SHOPIERE RD RESURFACING: ROYCE - PRAIRIE	\$90,000			\$576,156				\$576,156
STREET LIGHTING UPDATE				\$127,000				\$217,000
LIBERTY AVE TIA: FOURTH - BLUFF					\$155,000			\$155,000
EMERSON RECONSTRUCTION	\$2,521,400				\$22,000			\$22,000
GRAND AVE. BRICK PAVERS					\$840,000			\$3,361,400
TOTAL STREETS AND INTERSECTIONS	\$4,546,399	\$2,493,702	\$3,764,576	\$3,243,156	\$2,830,000	\$1,645,000	\$2,206,000	\$20,728,833
Total General Obligation Infrastructure Improvements								
	\$5,097,719	\$2,828,202	\$4,009,576	\$3,607,656	\$3,045,000	\$1,860,000	\$2,421,000	\$22,869,153

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total
		2018	2019	2020	2021	2022	2023	Budget
<i>Buildings and Grounds</i>								
Repair and Renovation of Existing Operations								
PARK AMENITIES & FACILITY ENHANCEMENTS	\$240,000	\$100,000	\$240,000	\$240,000	\$240,000	\$240,000	\$240,000	\$1,540,000
RECREATIONAL FACILITY ENHANCEMENTS	\$125,000	\$121,000	\$285,000	\$10,000	\$150,000			\$691,000
CITY OWNED BUILDING REPAIRS & EVALUATIONS	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$875,000
CITY HALL SECURITY IMPROVEMENTS	\$200,000	\$160,000	\$159,000	\$159,000				\$678,000
CITY HALL WINDOW REPLACEMENT		\$181,000						\$181,000
GRINNELL HALL ROOF REPLACEMENT		\$141,000						\$141,000
ROTARY RIVER CENTER ROOF REPLACEMENT		\$171,000						\$171,000
PUBLIC LIBRARY SPACE REDESIGN		\$49,000						\$49,000
CITY HALL ELEVATOR REPLACEMENTS			\$239,000					\$239,000
CITY HALL EXTERIOR REPAIRS			\$89,000					\$89,000
GRINNELL HALL EXTERIOR ENVELOPE REPAIRS			\$237,000					\$237,000
KRUEGER POOL BATH HOUSE EXTERIOR ENVELOPE REPAIRS			\$239,000					\$239,000
2400 SPRINGBROOK ROOF REPLACEMENT			\$410,000					\$410,000
TRANSIT FUEL SYSTEM				\$78,000	\$100,000			\$178,000
KRUEGER POOL BATH HOUSE ROOF REPLACEMENT				\$124,000				\$124,000
OPERATIONS CONTROL JOINT & MASONRY REPAIRS				\$51,000				\$51,000
TRANSIT GARAGE FACILITY MAINTENANCE					\$701,000	\$280,000	\$135,000	\$1,116,000
TOTAL REPAIR & RENOVATION	\$690,000	\$1,048,000	\$2,023,000	\$787,000	\$1,316,000	\$645,000	\$500,000	\$7,009,000
GO ENTERPRISE FUND FINANCING								
CEMETERIES REPAIRS	10,000	20,000				100,000		\$130,000
CEMETERY OFFICE ROOF REPLACEMENT		40,000						\$40,000
KRUEGER GOLF COURSE	112,000		45,000	60,000	60,000	50,000	50,000	\$377,000
TOTAL ENTERPRISE FUNDS	\$122,000	\$60,000	\$45,000	\$60,000	\$60,000	\$150,000	\$50,000	\$547,000
 <i>Total Buildings and Grounds</i>	 \$812,000	 \$1,108,000	 \$2,068,000	 \$847,000	 \$1,376,000	 \$795,000	 \$550,000	 \$7,556,000

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted	2018	2019	2020	2021	2022	2023	Grand Total Budget
<i>Capital Equipment</i>								
Equipment Replacement								
NETWORK CORE REPLACEMENT		\$85,000						\$85,000
PHONE SYSTEM REPLACEMENT		\$180,000						\$180,000
TURN OUT GEAR REPLACEMENT		\$110,700	\$110,700	\$95,940				\$317,340
REPLACE FLEETS OVERHEAD HOSE REELS		\$20,000						\$20,000
REPLACEMENT OF CO & NO2 SENSORS IN 4		\$57,900						\$57,900
TOTAL EQUIPMENT REPLACEMENT	\$0	\$453,600	\$110,700	\$95,940	\$0	\$0	\$0	\$660,240
Vehicle Replacement								
ENGINE 697 REPLACEMENT	\$825,154	\$230,000	\$230,000					\$1,285,154
TRANSIT BUS REPLACEMENT	\$443,500		\$1,496,632					\$1,940,132
TOTAL VEHICLE REPLACEMENT	\$1,268,654	\$230,000	\$1,726,632	\$0	\$0	\$0	\$0	\$3,225,286
New Equipment								
FIBER OPTIC & RADIO EXPANSION	\$100,000	\$217,500	\$217,500					\$535,000
CITY HALL BATTERY BACKUP UPS		\$15,000						\$15,000
STOREROOM PALLET STACKER		\$16,280						\$16,280
SOLID WASTE VEHICLE STORAGE & TRANSFER	\$200,000	\$894,580						\$1,094,580
SOFTWARE		\$500,000						\$500,000
TOTAL NEW EQUIPMENT	\$300,000	\$1,643,360	\$217,500	\$0	\$0	\$0	\$0	\$2,160,860
<i>Total Capital Equipment</i>	\$1,568,654	\$2,326,960	\$2,054,832	\$95,940	\$0	\$0	\$0	\$6,046,386

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
 In Concept

Project Title	Prior Adopted	2018	2019	2020	2021	2022	2023	Grand Total
								Budget
Wastewater Treatment								
SANITARY SEWER REPAIR	\$302,183	\$534,000	\$495,000	\$511,000	\$526,000	\$542,000	\$558,000	\$3,468,183
LIFT STATION PUMPING EQUIPMENT UPGRADES	\$99,000	\$878,000						\$977,000
WPCF PORTABLE EMERGENCY GENERATOR		\$275,000						\$275,000
CLARIFIER REPAIRS & UPGRADES		\$150,000	\$155,000	\$159,000	\$164,000			\$628,000
ANAEROBIC DIGESTER MIXING		\$2,276,000						\$2,276,000
WPCF ROADWAY RESURFACING		\$231,000						\$231,000
WPCF STORAGE BUILDING ADDITION		\$120,000						\$120,000
SANITARY SEWER RELOCATION FOR I39/90		\$610,100						\$610,100
WPCF EFFLUENT PHOSPHORUS REDUCTION	\$483,000		\$492,500	\$2,543,000				\$3,518,500
AERATION SYSTEM MEDIUM VOLTAGE DRIVE			\$240,000					\$240,000
TURTLE CREEK ROAD RESURFACING			\$77,000					\$77,000
NORTH WEST INTERCEPTOR SPLITTER BOX CONSTRUCTION & SLIP LINING				\$300,000				\$300,000
HYPOCHLORITE TANK REPLACEMENT				\$115,000				\$115,000
WASTEWATER TREATMENT	\$884,183	\$5,074,100	\$1,459,500	\$3,628,000	\$690,000	\$542,000	\$558,000	\$12,835,783
Public Water Supply								
WELL PUMPING EQUIPMENT	\$36,225	\$108,000	\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$729,225
WATER METER FLEXNET TRANSMITTERS	\$36,225	\$1,500,000						\$1,536,225
WATER METER REPLACEMENT	\$36,225	\$798,000						\$834,225
SUB 6" WATER MAIN REPLACEMENT		\$418,000	\$418,000	\$418,000	\$418,000	\$418,000	\$418,000	\$2,508,000
SHORE DRIVE WATER MAIN	\$80,000	\$820,000						\$900,000
UTE WATER MAIN IMPROVEMENTS		\$520,000						\$520,000
WATER LEAD SERVICE REPLACEMENT PROGRAM		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
REPLACE WELL HOUSE #8 STRUCTURE			\$875,000					\$875,000
REPLACE TC HYDRANTS	\$36,225		\$47,000	\$49,000	\$51,000			\$183,225
EAST SIDE NEIGHBORHOOD INITIATIVE WATER MAIN				\$200,000				\$200,000
TOTAL PUBLIC WATER SUPPLY	\$224,900	\$4,264,000	\$1,551,000	\$881,000	\$686,000	\$638,000	\$641,000	\$8,885,900
Storm Water								
KRUEGER STORM POND LINER REPAIR		\$75,000						\$75,000
STORM SEWER IMPROVEMENTS		\$54,697	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$304,697
TOTAL STORM WATER	\$0	\$129,697	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$379,697
<i>Total Water Resources Infrastructure</i>	\$1,109,083	\$9,467,797	\$3,060,500	\$4,559,000	\$1,426,000	\$1,230,000	\$1,249,000	\$22,101,380

CITY OF BELOIT
 2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
 In Concept

Project Title	Prior Adopted							Grand Total
		2018	2019	2020	2021	2022	2023	Budget
<i>Development and Redevelopment</i>								
Other Community Development								
PROPERTY ACQUISITION & DEMOLITION MILWAUKEE ROAD BIKE PEDESTRIAN PATH & LIGHTING	\$220,000	\$220,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,940,000
			\$420,000	\$1,617,000				\$2,037,000
<i>TIF #10</i>								
GATEWAY DETENTION BASIN A GRADING SOUTH GATEWAY BOULEVARD WATER MAIN EXTENSION		\$225,000						\$225,000
		\$602,500						\$602,500
GATEWAY SEWER & WATER EXTENSION (TOWNHALL-HART)		\$1,207,000						\$1,207,000
<i>TIF #13</i>								
MILWAUKEE ROAD GATEWAY CORRIDOR IMPROVEMENT	\$3,706,183		\$1,300,000					\$5,006,183
Total Development & Redevelopment								
	\$3,926,183	\$2,254,500	\$2,020,000	\$1,917,000	\$300,000	\$300,000	\$300,000	\$11,017,683
TOTAL FINANCING OF ISSUE								
		1,111,456	133,136	113,631	97,130	63,750	371,000	\$ 1,890,102
Total 2018-2023 Projects in Concept								
	\$ 12,513,639	\$ 19,096,915	\$ 13,346,044	\$ 11,140,227	\$ 6,244,130	\$ 4,248,750	\$ 4,891,000	\$ 71,480,704

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2018 GO Borrowing	2018 Utility Revenue Borrowing	2019 GO Borrowing	2020 GO Borrowing	2021 GO Borrowing	2022 GO Borrowing	2023 GO Borrowing
TERRACE TREE PLANTING & REMOVAL	400,000	120,000		80,000	50,000	50,000	50,000	50,000
SIDEWALK IMPROVEMENTS	120,000	20,000		20,000	20,000	20,000	20,000	20,000
CITY OWNED PARKING LOT REHAB	300,000	50,000		50,000	50,000	50,000	50,000	50,000
B-J BIKE TRAIL DEVELOPMENT	149,500				149,500			
PAINTING FIFTH ST. PATH OVER ROCK RIVER	49,500	49,500						
STREET MAINTENANCE	9,000,000	1,500,000		1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
TOWNLINE RECONSTRUCTION (MADISON-WHIPPLE)	399,702	399,702						
KEELER AVE RECONSTRUCTION (PARK AVE - WISCONSIN)	324,576	36,000		288,576				
SHOPIERE ROAD RESURFACING: PRAIRIE - CRANSTON	458,000	458,000						
BROAD STREET BRIDGE BEARING REPLACEMENT	490,000			245,000	245,000			
WILLOWBROOK RD CONCRETE PAVEMENT REPAIRS	123,000			123,000				
HENRY AVE RESURFACING: PARK - ROYCE	310,000			310,000				
PRAIRIE AVE. RECONSTRUCTION: CRANSTON - HUEBBE	248,000			248,000				
LIBERTY AVE. INTERSECTION CONCRETE PAVEMENT REPAIRS	275,000				275,000			
MILWAUKEE RD CONCRETE PAVEMENT REPAIRS	426,000				213,000	213,000		
HENRY AVE RESURFACING: RIVERSIDE - PARK	207,000				207,000			
TOWNLINE CURB & GUTTER (SHIRLAND-ST.LAWRENCE)	576,156				576,156			
HENRY AVE - SHOPIERE RD RESURFACING: ROYCE - PRAIRIE	127,000				127,000			
STREET LIGHTING UPDATE	155,000					155,000		
LIBERTY AVE TIA: FOURTH - BLUFF	22,000					22,000		
EMERSON RECONSTRUCTION	840,000					840,000		
GRAND AVE. BRICK PAVERS	651,000						45,000	606,000
PARK AMENITIES & FACILITY ENHANCEMENTS	1,300,000	100,000		240,000	240,000	240,000	240,000	240,000
RECREATIONAL FACILITY ENHANCEMENTS	566,000	121,000		285,000	10,000	150,000		
CITY OWNED BUILDING REPAIRS & EVALUATIONS	750,000	125,000		125,000	125,000	125,000	125,000	125,000
CITY HALL SECURITY IMPROVEMENTS	478,000	160,000		159,000	159,000			
CITY HALL WINDOW REPLACEMENT	181,000	181,000						
GRINNELL HALL ROOF REPLACEMENT	141,000	141,000						
ROTARY RIVER CENTER ROOF REPLACEMENT	171,000	171,000						
PUBLIC LIBRARY SPACE REDESIGN	49,000	49,000						
CITY HALL ELEVATOR REPLACEMENTS	239,000			239,000				
CITY HALL EXTERIOR REPAIRS	89,000			89,000				
GRINNELL HALL EXTERIOR ENVELOPE REPAIRS	237,000			237,000				
KRUEGER POOL BATH HOUSE ROOF REPLACEMENT	239,000			239,000				
TRANSIT FUEL SYSTEM	35,600				15,600	20,000		
KRUEGER POOL BATH HOUSE EXTERIOR ENVELOPE REPAIRS	124,000				124,000			
OPERATIONS CONTROL JOINT & MASONRY REPAIRS	51,000				51,000			
TRANSIT GARAGE FACILITY MAINTENANCE	237,200					140,200	70,000	27,000
CEMETERIES REPAIRS	120,000	20,000					100,000	
CEMETERY OFFICE ROOF REPLACEMENT	40,000	40,000						

CITY OF БЕЛОIT
 2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
 GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2018 GO Borrowing	2018 Utility Revenue Borrowing	2019 GO Borrowing	2020 GO Borrowing	2021 GO Borrowing	2022 GO Borrowing	2023 GO Borrowing
KRUEGER GOLF COURSE	265,000			45,000	60,000	60,000	50,000	50,000
NETWORK CORE REPLACEMENT	85,000	85,000						
PHONE SYSTEM REPLACEMENT	180,000	180,000						
TURN OUT GEAR REPLACEMENT	158,670	55,350		55,350	47,970			
REPLACE FLEETS OVERHEAD HOSE REELS	20,000	20,000						
REPLACEMENT OF CO & NO2 SENSORS IN 4 BUILDINGS	57,900	57,900						
ENGINE 697 REPLACEMENT	460,000	230,000		230,000				
FIBER OPTIC & RADIO EXPANSION	435,000	217,500		217,500				
CITY HALL BATTERY BACKUP UPS	15,000	15,000						
STOREROOM PALLET STACKER	16,280	16,280						
SOFTWARE	500,000	500,000						
LIFT STATION PUMPING EQUIPMENT UPGRADES	878,000		878,000					
WPCF PORTABLE EMERGENCY GENERATOR	275,000		275,000					
ANAEROBIC DIGESTER MIXING	2,276,000		2,276,000					
WPCF ROADWAY RESURFACING	231,000		231,000					
WELL PUMPING EQUIPMENT	108,000		108,000					
WATER METER FLEXNET TRANSMITTERS	1,500,000		1,500,000					
WATER METER REPLACEMENT	798,000		798,000					
SUB 6" WATER MAIN REPLACEMENT	418,000		418,000					
SHORE DRIVE WATER MAIN	820,000		820,000					
UTE WATER MAIN IMPROVEMENTS	520,000		520,000					
PROPERTY ACQUISITION & DEMOLITION	3,520,000	220,000		300,000	300,000	300,000	300,000	300,000
<i>Summary Total</i>	34,236,084	5,338,232	7,824,000	5,325,426	4,545,226	3,885,200	2,550,000	2,968,000
FINANCING OF ISSUE								
	2,115,102	133,456	978,000	133,136	113,631	97,130	63,750	371,000
TOTAL BORROWING	36,351,186	5,471,688	8,802,000	5,458,562	4,658,857	3,982,330	2,613,750	3,339,000

GOVERNMENTAL ACTIVITIES GENERAL OBLIGATION DEBT

All general obligation notes and bonds payable are backed by the full faith and credit of the City. Notes and bonds in the governmental funds will be retired by future property tax levies or tax increments accumulated by the debt service fund. Business-type activities debt is payable by revenues from user fees of those funds or, if the revenues are not sufficient, by future tax levies. In accordance with Wisconsin Statutes, total general obligation indebtedness of the City may not exceed five percent of the equalized value of taxable property within the City's jurisdiction. The debt limit as of December 31, 2017, is estimated at \$80,355,990. Total general obligation debt outstanding \$49,383,793.

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-17
General obligation corporate purpose bonds Series 2009	5/28/2009	5/01/209	1.10% - 4.65%	\$7,057,000	\$1,342,000
2011 State Trust Fund Loan	8/1/2011	5/1/2021	3.75%	\$1,500,000	\$657,799
General obligation refunding bonds Series 2011A	10/12/2011	4/1/2025	2.45%	\$9,701,732	\$5,329,842
General obligation refunding bonds Series 2011B	12/8/2011	3/1/2025	1.00% - 4.10%	\$4,280,000	\$2,230,000
General obligation refunding bonds Series 2012A	6/4/2012	3/1/2032	2.00% - 3.25%	\$7,130,000	\$5,495,000
General obligation refunding bonds Series 2013A	2/13/2013	5/1/2027	2.00% - 3.00%	\$6,729,000	\$3,364,000
General obligation refunding bonds Series 2013C	2/13/2013	5/1/2027	0.55% - 2.50%	\$885,000	\$475,000
General obligation refunding bonds Series 2013D	6/13/2013	4/1/2033	2.00% - 3.375%	\$7,485,000	\$5,605,000
2013 State Trust Fund Loan	8/1/2013	3/15/2023	2.75%	\$547,500	\$417,467
General obligation promissory notes Series 2014A	5/15/2014	5/1/2024	2.00% - 2.40%	\$850,000	\$655,000
General obligation corporate purpose bonds series 2014B	5/15/2014	5/1/2034	2.00% - 3.50%	\$7,777,275	\$6,825,597
General obligation promissory notes Series 2015B	3/19/2015	3/1/2025	0.80% - 2.40%	\$720,000	\$590,000
General obligation corporate purpose bonds series 2015C	3/19/2015	3/1/2035	2.00% - 3.25%	\$2,450,000	\$2,235,000
2015 State Trust Fund Loan	11/23/2015	3/15/2025	3.25%	\$200,000	\$182,270
General obligation promissory notes Series 2016A	5/12/2016	4/1/2026	1.55% - 2.00%	\$1,725,000	\$1,625,000
General obligation corporate purpose bonds series 2016B	5/12/2016	4/1/2036	2.00% - 3.00%	\$3,235,000	\$3,100,000
General obligation promissory notes Series 2017A	6/22/2017	6/1/2027	2.25% - 3.00%	\$1,715,000	\$1,715,000
General obligation corporate purpose bonds series 2017B	6/22/2017	6/1/2037	3.00% - 3.25%	\$4,320,000	\$4,320,000
TOTAL GOVERNMENTAL ACTIVITIES - GENERAL OBLIGATION DEBT					\$46,163,975

BUSINESS TYPE ACTIVITIES GENERAL OBLIGATION DEBT

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-17
General obligation corporate purpose bonds Series 2009	5/28/2009	5/1/2029	1.10% - 4.60%	\$333,000	\$178,000
General obligation refunding bonds Series 2011A	10/12/2011	4/1/2025	2.45%	\$1,378,268	\$845,158
General obligation refunding bonds Series 2012A	6/4/2012	3/1/2032	2.00% - 3.25%	\$110,000	\$110,000
General obligation refunding bonds Series 2013A	2/13/2013	5/1/2027	2.00% - 3.00%	\$601,000	\$256,000
General obligation refunding bonds Series 2013D	6/13/2013	4/1/2033	2.00% - 3.375%	\$250,000	\$170,000
2013 State Trust Fund Loan	8/1/2013	3/15/2023	2.75%	\$129,600	\$6,257
General obligation promissory notes Series 2014A	5/15/2014	5/1/2024	2.00% - 2.40%	\$270,000	\$190,000
General obligation corporate purpose bonds Series 2014B	5/15/2014	5/1/2034	2.00% - 3.50%	\$387,725	\$339,403
General obligation promissory notes Series 2015B	3/19/2015	3/1/2025	0.80% - 2.40%	\$40,000	\$20,000
General obligation corporate purpose bonds Series 2017B	6/22/2017	6/1/2037	3.00% - 3.25%	\$1,105,000	\$1,105,000
TOTAL BUSINESS TYPE ACTIVITIES - GENERAL OBLIGATION DEBT					\$3,219,818
TOTAL GENERAL OBLIGATION DEBT					\$49,383,793

REVENUE DEBT

Revenues bonds are payable only from revenues derived from the operations of the responsible proprietary fund.

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-17
Water Utility					
Revenue Bonds	5/28/2009	11/1/2029	3.50% - 5.00%	\$3,910,000	\$2,625,000
Revenue Bonds	4/6/2010	11/1/2030	2.00% - 4.50%	\$4,025,000	\$2,685,000
Revenue Bonds	2/13/2013	11/1/2019	2.00% - 3.00%	\$5,745,000	\$2,015,000
Revenue Bonds	11/9/2016	11/1/2028	2.25% - 4.00%	\$12,555,000	\$12,530,000
Total Water Utility					\$19,855,000
Storm Water Revenue Refunding Bonds	3/4/2015	5/1/2030	2.00% - 3.50%	\$1,225,000	\$1,095,000
Sewer Utility Revenue Bonds	5/11/2011	5/1/2031	2.40%	\$3,481,777	\$2,544,978
TOTAL REVENUE BONDS					\$23,494,978

Long-Term Obligations

Long-term obligations activity for the year ended December 31, 2016 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance	Amounts due within one year
Governmental Activities					
Bonds and Notes Payable:					
General Obligation Debt					
General	\$46,827,654	\$4,960,000	\$4,989,116	\$46,798,538	\$5,323,352
Premium on debt	\$568,900	\$0	\$38,254	\$530,646	\$0
Sub-totals	<u>\$47,396,554</u>	<u>\$4,960,000</u>	<u>\$5,027,370</u>	<u>\$47,329,184</u>	<u>\$5,323,352</u>
Other Liabilities:					
Compensated Absences					
Sick Leave	\$1,304,234	\$334,122	\$180,034	\$1,458,322	\$199,108
Vacation	\$1,573,586	\$1,541,835	\$1,573,586	\$1,541,835	\$1,541,835
Other post-employment benefit liability	\$36,097,833	\$3,440,412	\$0	\$39,538,245	\$0
Other Debt					
Town of Turtle Capital Leases	\$50,000	\$0	\$10,000	\$40,000	\$10,000
Payable to component unit	\$13,991,490	\$0	\$2,518,302	\$11,473,188	\$2,625,000
Other capital leases	\$346,426	\$0	\$43,605	\$302,821	\$45,433
Net Pension liability (asset)	(\$4,388,651)	\$7,294,753	\$0	\$2,906,102	\$0
Total other liabilities	<u>\$48,974,918</u>	<u>\$12,611,122</u>	<u>\$4,325,527</u>	<u>\$57,260,513</u>	<u>\$4,421,376</u>
Total Governmental Activities Long -Term Liabilities	<u>\$96,371,472</u>	<u>\$17,571,122</u>	<u>\$9,352,897</u>	<u>\$104,589,697</u>	<u>\$9,744,728</u>
Business - Type Activities					
Bonds and Notes Payable:					
General Obligation Debt					
Revenue Bonds	\$4,224,935	\$0	\$509,070	\$3,715,865	\$437,258
CWFL revenue bond	\$2,844,366	\$0	\$147,919	\$2,696,447	\$151,469
Add/(Subtract) Deferred Amounts For:					
(Discounts)	\$0	\$0	\$0	\$0	\$0
Premiums	\$124,094	\$952,049	\$74,173	\$1,001,970	\$0
Sub-total	<u>\$31,708,395</u>	<u>\$13,507,049</u>	<u>\$15,486,162</u>	<u>\$29,729,282</u>	<u>\$1,953,727</u>
Other Liabilities:					
Compensated Absences					
Other post employment benefit liability	\$539,204	\$366,458	\$309,633	\$596,029	\$346,908
Net Pension liability (asset)	(\$772,281)	\$1,276,447	\$0	\$504,166	\$0
Sub-total	<u>(\$54,044)</u>	<u>\$1,642,905</u>	<u>\$309,633</u>	<u>\$1,279,228</u>	<u>\$346,908</u>
Total Business-type Activities Long-Term Liabilities	<u>\$31,654,351</u>	<u>\$15,149,954</u>	<u>\$15,795,795</u>	<u>\$31,008,510</u>	<u>\$2,300,635</u>

**GENERAL OBLIGATION DEBT SERVICE PLAN
 TWENTY YEAR PROJECTION
 2018 - 2037**

	Due 2018	Due 2019	Due 2020	Due 2021	Due 2022	Due 2023	Due 2024	Due 2025	Due 2026	Due 2027	Due 2028	Due 2029	Due 2030	Due 2031	Due 2032	Due 2033	Due 2034	Due 2035	Due 2036	Due 2037
Current Principal	1,320,000	1,390,000	1,115,000	1,170,000	980,000	700,000	700,000	575,000	0	0	0	0	0	0	0	0	0	0	0	0
Current Interest	312,523	254,160	199,978	150,542	104,230	68,700	39,251	12,219	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,632,523	1,644,160	1,314,978	1,320,542	1,084,230	768,700	739,251	587,219	0	0	0	0	0	0	0	0	0	0	0	0
2018 Issue (\$5,471,688)																				
Principal		273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584	273,584
Interest @ 4.00 %	109,434	218,868	207,924	196,981	186,037	175,094	164,151	153,207	142,264	131,321	120,377	109,434	98,490	87,547	76,604	65,660	54,717	43,774	32,830	21,887
2019 Issue (\$5,458,562)																				
Principal			272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928	272,928
Interest @ 4.00 %		109,171	218,342	207,425	196,508	185,591	174,674	163,757	152,840	141,923	131,005	120,088	109,171	98,254	87,337	76,420	65,503	54,586	43,668	32,751
2020 Issue (\$4,658,857)																				
Principal				232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943	232,943
Interest @ 4.00 %			109,171	218,342	207,425	196,508	185,591	174,674	163,757	152,840	141,923	131,005	120,088	109,171	98,254	87,337	76,420	65,503	54,586	43,668
2021 Issue (\$3,982,330)																				
Principal					199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117	199,117
Interest @ 4.00 %				109,171	218,342	207,425	196,508	185,591	174,674	163,757	152,840	141,923	131,005	120,088	109,171	98,254	87,337	76,420	65,503	54,586
2022 Issue (\$2,613,750)																				
Principal						130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688	130,688
Interest @ 4.00 %					109,171	218,342	207,425	196,508	185,591	174,674	163,757	152,840	141,923	131,005	120,088	109,171	98,254	87,337	76,420	65,503
2023 Issue (\$3,339,000)																				
Principal							166,950	166,950	166,950	166,950	166,950	166,950	166,950	166,950	166,950	166,950	166,950	166,950	166,950	166,950
Interest @ 4.00 %						109,171	218,342	207,425	196,508	185,591	174,674	163,757	152,840	141,923	131,005	120,088	109,171	98,254	87,337	76,420
2024 Issue (\$5,000,000)																				
Principal								250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Interest @ 4.00 %							109,171	218,342	207,425	196,508	185,591	174,674	163,757	152,840	141,923	131,005	120,088	109,171	98,254	87,337
2025 Issue (\$5,000,000)																				
Principal									250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Interest @ 4.00 %								109,171	218,342	207,425	196,508	185,591	174,674	163,757	152,840	141,923	131,005	120,088	109,171	98,254
2026 Issue (\$5,000,000)																				
Principal										250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Interest @ 5.75 %									143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125	143,750
2027 Issue (\$5,000,000)																				
Principal											250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Interest @ 5.75 %									143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125	143,750
2028 Issue (\$5,000,000)																				
Principal												250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Interest @ 5.75 %										143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500	158,125
2029 Issue (\$5,000,000)																				
Principal													250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Interest @ 5.75 %											143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875	172,500
2030 Issue (\$5,000,000)																				
Principal														250,000	250,000	250,000	250,000	250,000	250,000	250,000
Interest @ 5.75 %												143,750	287,500	273,125	258,750	244,375	230,000	215,625	201,250	186,875
2031 Issue (\$5,000,000)																				
Principal																				
Interest @ 5.75 %														143,750	287,500	273,125	258,750	244,375	230,000	215,625
2032 Issue (\$5,000,000)																				
Principal																				
Interest @ 5.75 %															143,750	287,500	273,125	258,750	244,375	230,000
2033 Issue (\$5,000,000)																				
Principal																				
Interest @ 5.75 %																136,563	273,125	258,750	244,375	230,000
2034 Issue (\$5,000,000)																				
Principal																				
Interest @ 5.75 %																	129,375	258,750	244,375	230,000
2035 Issue (\$5,000,000)																				
Principal																				
Interest @ 5.75 %																				250,000
2036 Issue (\$5,000,000)																				
Principal																				
Interest @ 5.75 %																				115,000
2037 Issue (\$5,000,000)																				
Principal																				
Interest @ 5.75 %																				250,000
																				215,625
	\$6,829,126	\$7,253,913	\$7,215,133	\$7,569,406	\$7,434,483	\$7,206,705	\$7,518,336	\$7,735,744	\$7,397,004	\$7,353,806	\$6,747,724	\$6,848,536	\$6,987,446	\$7,087,216	\$7,419,864	\$7,509,443	\$7,587,404	\$7,593,833	\$7,631,107	\$7,494,740
Principal	4,585,374	4,886,918	4,932,849	5,279,408	5,147,258	4,915,458	5,230,035	5,465,374	5,110,804	5,004,217	4,319,217	4,334,217	4,392,814	4,407,250	4,662,250	4,692,250	4,485,808	4,231,420	4,026,453	3,776,209
Interest	2,243,751	2,267,095	2,282,284	2,289,999	2,287,225	2,291,247	2,288,301	2,270,370	2,286,200	2,349,588	2,428,507	2,514,319	2,594,632	2,67						

General Obligation Indebtedness - City of Beloit

With Estimated Impact of Debt Reduction Plan

HISTORICAL AND PROJECTED

<i>Levy Year</i>	<i>Equalized Assessed Value</i>	<i>% Increase EAV</i>	<i>Debt Limit</i>	<i>New Debt Issued</i>	<i>Debt Retired</i>	<i>Balance December 31</i>	<i>Bonding Power</i>	<i>Legal Debt Limit Ratio</i>
<u>Actual</u>								
1982	549,986,161		27,499,308	4,920,000	1,892,850	17,879,050	9,620,258	65.0%
1983	549,749,900	-0.04%	27,487,495	1,950,000	1,972,850	17,856,200	9,631,295	65.0%
1984	550,580,400	0.15%	27,529,020	2,505,000	1,980,975	18,380,225	9,148,795	66.8%
1985	552,853,600	0.41%	27,642,680	1,565,000	2,072,225	17,873,000	9,769,680	64.7%
1986	555,875,700	0.55%	27,793,785	5,745,000	2,048,000	21,570,000	6,223,785	77.6%
1987	557,356,700	0.27%	27,867,835	1,575,475	3,890,000	19,255,475	8,612,360	69.1%
1988	570,182,000	2.30%	28,509,100	1,250,000	2,135,000	18,370,475	10,138,625	64.4%
1989	584,922,200	2.59%	29,246,110	1,710,000	2,215,000	17,865,475	11,380,635	61.1%
1990	591,999,010	1.21%	29,599,951	1,000,000	2,200,000	16,665,475	12,934,476	56.3%
1991	607,329,490	2.59%	30,366,475	1,000,000	2,287,500	15,377,975	14,988,500	50.6%
1992	620,479,600	2.17%	31,023,980	6,925,000	2,176,250	20,126,725	10,897,255	64.9%
1993	649,403,600	4.66%	32,470,180	1,730,410	2,313,900	19,543,235	12,926,945	60.2%
1994	699,168,500	7.66%	34,958,425	5,580,000	7,016,435	18,106,800	16,851,625	51.8%
1995	742,161,322	6.15%	37,108,066	2,850,000	2,350,700	18,606,100	18,501,966	50.1%
1996	841,967,900	13.45%	42,098,395	5,630,000	4,105,650	20,130,450	21,967,945	47.8%
1997	904,672,800	7.45%	45,233,640	9,805,000	4,466,425	25,469,025	19,764,615	56.3%
1998	974,085,000	7.67%	48,704,250	932,000	2,677,475	23,723,550	24,980,700	48.7%
1999	1,014,290,700	4.13%	50,714,535	4,785,000	2,754,075	25,754,475	24,960,060	50.8%
2000	1,052,181,500	3.74%	52,609,075	4,905,000	3,863,500	26,795,975	25,813,100	50.9%
2001	1,113,497,300	5.83%	55,674,865	6,920,000	6,406,975	27,309,000	28,365,865	49.1%
2002	1,165,552,800	4.67%	58,277,640	3,852,675	3,480,775	27,680,900	30,596,740	47.5%
2003	1,224,010,800	5.02%	61,200,540	12,088,452	8,344,302	31,425,050	29,775,490	51.3%
2004	1,289,346,100	5.34%	64,467,305	8,050,000	6,985,900	32,489,150	31,978,155	50.4%
2005	1,387,616,400	7.62%	69,380,820	9,475,000	5,208,548	36,755,602	32,625,218	53.0%
2006	1,470,055,900	5.94%	73,502,795	9,165,000	5,013,635	40,906,967	32,595,828	55.7%
2007	1,630,887,400	10.94%	81,544,370	16,738,000	5,124,088	52,520,879	29,023,491	64.4%
2008	1,718,751,200	5.39%	85,937,560	5,392,520	4,963,601	52,949,798	32,987,762	61.6%
2009	1,744,186,100	1.48%	87,209,305	11,295,000	4,394,471	59,850,327	27,358,978	68.6%
2010	1,610,889,800	-7.64%	80,544,490	4,765,000	4,667,774	60,565,689	19,978,801	75.2%
2011	1,558,718,400	-3.24%	77,935,920	1,500,000	4,680,201	57,385,489	20,550,431	73.6%
2012	1,507,977,900	-3.26%	75,398,895	3,858,613	5,157,850	56,086,252	19,312,643	74.4%
2013	1,377,134,000	-8.68%	68,856,700	3,684,194	5,070,875	54,699,570	14,157,130	79.4%
2014	1,471,696,200	6.87%	73,584,810	3,517,343	5,230,228	52,986,685	20,598,125	72.0%
2015	1,557,937,900	5.86%	77,896,895	3,410,000	5,344,095	51,052,590	26,844,305	65.5%
2016	1,593,559,300	2.29%	79,677,965	4,960,000	5,541,792	50,470,798	29,207,167	63.3%
2017	1,607,119,800	0.85%	80,355,990	7,140,000	8,316,043	49,294,755	31,061,235	61.3%
<u>Estimated</u>								
2018	1,619,173,199	0.75%	80,958,660	5,471,688	4,974,071	49,792,372	31,166,288	61.5%
2019	1,631,316,997	0.75%	81,565,850	5,458,562	5,251,026	49,999,908	31,565,942	61.3%
2020	1,647,630,167	1.00%	82,381,508	4,658,857	5,004,953	49,653,812	32,727,696	60.3%
2021	1,664,106,469	1.00%	83,205,323	3,982,330	5,384,402	48,251,740	34,953,583	58.0%
2022	1,684,907,800	1.25%	84,245,390	2,613,750	5,569,027	45,296,463	38,948,927	53.8%
2023	1,705,969,148	1.25%	85,298,457	3,339,000	5,584,340	43,051,123	42,247,334	50.5%
2024	1,731,558,685	1.50%	86,577,934	5,000,000	5,987,945	42,063,178	44,514,756	48.6%
2025	1,761,860,962	1.75%	88,093,048	5,000,000	5,888,750	41,174,428	46,918,620	46.7%
2026	1,797,098,181	2.00%	89,854,909	5,000,000	5,582,490	40,591,939	49,262,970	45.2%
2027	1,833,040,145	2.00%	91,652,007	5,000,000	5,277,490	40,314,449	51,337,558	44.0%
2028	1,869,700,947	2.00%	93,485,047	5,000,000	4,372,490	40,941,960	52,543,088	43.8%
2029	1,907,094,966	2.00%	95,354,748	5,000,000	4,147,490	41,794,470	53,560,278	43.8% 1

DEBT LOAD LIMITATIONS

Descriptions	Targets	2012 ACTUAL	2013 ACTUAL	2014 ACTUAL	2015 ACTUAL	2016 ACTUAL	2017 BUDGET	2018 BUDGET
Ratio of General Obligation Debt to Total Equalized Value	3.0 - 3.5%	3.72%	3.97%	3.58%	3.30%	3.21%	3.17%	3.10%
Obligation Debt Per Capita	\$950 - \$1050	\$1,522.01	\$1,485.59	\$1,431.66	\$1,372.57	\$1,371.36	\$1,383.20	\$1,352.24
Equalized Tax Rate for General Obligation Debt	\$3.80 - \$4.25	\$3.73	\$3.54	\$4.11	\$3.87	\$3.64	\$3.69	\$3.65
Ratio of Annual Debt Payments to Annual Operating Budget	10 - 20%	17.33%	16.58%	17.70%	17.37%	17.87%	16.31%	17.56%
Ratio of Net Debt Levy to Annual Operating Budget	10 - 15%	16.38%	14.54%	15.40%	15.48%	15.61%	15.82%	15.59%
Ratio of Unreserved General Fund Balance to Operating Budget	10 - 15%	30.73%	27.28%	24.96%	25.82%	27.18%	27.09%	26.70%

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2902258 CITY TREE PLANTING & REMOVAL

DEPARTMENT: Public Works/Operations

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Forestry Work Group - Operation & Park Divisions

RESPONSIBLE PERSON: Jodine Saunders



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.
3. Create and sustain economic and residential growth.

DESCRIPTION: Removal of ash and other hazardous trees in the right-of-way, parks, golf course and cemetery trees to help maintain our urban forest. Repopulate our urban forest with planting a variety of trees in the right-of-way, golf course, parks and cemeteries.

JUSTIFICATION: The City of Beloit has a five year ash removal plan which started in 2015, the plan calls for removal of ash trees from the right of way, golf course, parks and cemeteries. The plan included the removal of approximately 400 ash trees per year, 300 removed by city staff and 100 removed by Contractor. Unfortunately the plan did not foresee that at this point in time we have a large amount of dead trees that need to take priority. It is being requested that an additional \$20,000.00 be moved forward from 2019 to into 2018 to cover additional contracted removal.

IMPACT ON OPERATING BUDGET: Contracted out service, no impact on DPW operations general fund operating budget. The estimated issuance interest expense for these projects each year, which are budgeted in the debt service fund is \$3,000 in 2018, \$2,000 in 2019 and \$1,250 in 2020-2023 with a projected 10 years to pay off each project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$100,000.00	\$120,000.00	\$80,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$500,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$100,000.00	\$120,000.00	\$80,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$500,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5343	Roadway Const-Streets	\$100,000.00	\$120,000.00	\$80,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$500,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$100,000.00	\$120,000.00	\$80,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$500,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 502

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2902268 Sidewalk Improvements
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Annual Project for public safety

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.
 3. Create and sustain economic and residential growth.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Sidewalk repairs including a small number of handicap ramps.

JUSTIFICATION: Abutting land owners are required by City Ordinance to be responsible for the repair of defective sidewalk. The City is required to install and maintain handicap ramps. These criteria for replacement follows Americans with Disabilities Act (ADA) requirements.

IMPACT ON OPERATING BUDGET: No impact on operating budget because the property owner maintains sidewalk by municipal code.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$140,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments	\$95,000.00	\$95,000.00	\$95,000.00	\$95,000.00	\$95,000.00	\$95,000.00	\$95,000.00	\$665,000.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$805,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$70,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$105,000.00	\$105,000.00	\$105,000.00	\$105,000.00	\$105,000.00	\$105,000.00	\$105,000.00	\$735,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$115,000.00	\$805,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 502

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2901400 City Owned Parking Lot Rehab
DEPARTMENT: Public Works
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

This project will address crack sealing and sealcoating and striping of all city owned parking lots. Base repair and curbing replacement will be performed as needed for each lot. This is a recurring project and will cycle through all of the parking lots that are city owned.

JUSTIFICATION:

City owned lots have mostly been reconstructed and are now in need of continued care. This project will address structural and surface treatments to extend the life cycle of the lots pavements and curbing.

IMPACT ON OPERATING BUDGET:

No significant impacts, projects could help reduce risk of damage to vehicles and equipment.
 The estimated issuance interest expense for these projects, which are budgeted in the debt service fund from 2018 to 2023 is \$1,250 with a projected 10 years to pay off each project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$350,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$350,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$35,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00	\$315,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$350,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 502

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2905528 Painting of Fifth Street Path over Rock River

DEPARTMENT: Public Works/ Engineering

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will repaint the bike/pedestrian bridge over the Rock River.

JUSTIFICATION: Years of graffiti repairs have made the bridge unsightly and in need of another painting. In addition, this paint has been on for just short of 20 years and keeping it properly painted helps extend the useful life of the structure.

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this project, which is budgeted in the debt service fund in is \$1,250 in 2018 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$49,500.00						\$49,500.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$49,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49,500.00

Ok Ok Ok Ok Ok Ok Ok Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$3,500.00						\$3,500.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$46,000.00						\$46,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$49,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49,500.00

Ok Ok Ok Ok Ok Ok Ok Ok

PROGRAM: 199

SUB-PROGRAM: 502

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2902624 BELOIT - JANESVILLE BIKE TRAIL IN BIG HILL PARK & PEDESTRIAN BRIDGE

DEPARTMENT: DPW - PARKS & LEISURE SERVICE DIVISION

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM

Priority Project as identified by Division Staff and Parks & Recreation Commission

RESPONSIBLE PERSON:

Brian Ramsey, Director of Parks & Leisure Services

PROJECT STATUS:

<input type="checkbox"/>	One Time Project or Item	<input checked="" type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S)

1. Create and sustain safe and healthy neighborhoods.
5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

2020 - BIG HILL PARK (8) - Construct & pave Phase II of the Bike Trail through the Lower Level of the park. Approximately 1300 feet of new path. Completes the lower level link in the off-road path system in Big Hill for the Beloit

JUSTIFICATION:

City of Beloit approved a Resolution in August of 2011, supporting the Trail connection study.

IMPACT ON OPERATING BUDGET:

The estimated issuance interest expense for this project which would be budgeted in the debt service fund is \$3,750 in 2020.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object Funding Sources

	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900 GO Debt	\$134,160.00			\$149,500.00				\$283,660.00
4900 GO Debt - Sanitary Sewer								\$0.00
4900 GO Debt - Storm Sewer								\$0.00
4900 GO Debt - Water Utility								\$0.00
4031 TID Financing								\$0.00
490007 Utility Revenue Bond								\$0.00
4999 Fund Balance								\$0.00
4999 Equipment Fund								\$0.00
4430 Spcl Assessments								\$0.00
4330 State/Federal Funds	\$143,160.00							\$143,160.00
4500 Operating Budget								\$0.00
4501 Other	\$9,000.00							\$9,000.00
								\$0.00
Totals	\$286,320.00	\$0.00	\$0.00	\$149,500.00	\$0.00	\$0.00	\$0.00	\$435,820.00

Ok Ok Ok Ok Ok Ok Ok Ok Ok

EXPENDITURE DATA:

Object Outlay Type

	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240 Professional Svcs	\$10,000.00			\$5,000.00				\$15,000.00
5240 Real Estate Svcs								\$0.00
5258 In-house Design/Eng	\$38,590.00			\$15,000.00				\$53,590.00
5510 Land Acq/Relocate								\$0.00
5511 Construction Costs	\$237,730.00			\$129,500.00				\$367,230.00
5533 Vehicle/Eq/Software								\$0.00
5514 Roadway Const-Streets								\$0.00
5516 Demolition & Site Prep								\$0.00
5519 Sidewalks								\$0.00
5522 Storm Sewer System								\$0.00
5523 Sanitary Sewer								\$0.00
5525 Water Utility								\$0.00
5531 Vehicle - over \$1,000								\$0.00
Totals	\$286,320.00	\$0.00	\$0.00	\$149,500.00	\$0.00	\$0.00	\$0.00	\$435,820.00

Ok Ok Ok Ok Ok Ok Ok Ok Ok

PROGRAM:

SUB-PROGRAM:

199
502

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2902187 Street Maintenance
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Annual Project
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):
 1. Create and sustain safe and healthy neighborhoods.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Bituminous overlay and sealing of deteriorated streets, curb and gutter repair, alley paving upon request by property owners and concrete pavement repair are all components of this program.
 This annual program will replace water based pavement markings with epoxy pavement markings.

JUSTIFICATION: Needed to restore the structural integrity land surface readability of street pavements.
 Street maintenance needs and citizen requests for improvements far exceed the available funding.
 The epoxy pavement markings have better reflectivity and do not need repainting yearly as the water based markings do.

IMPACT ON OPERATING BUDGET: No impact, other streets failing as these are repaired. The painting crew will not be required to repaint these lines annually and will be able to address signage and other striping issues instead. The estimated issuance interest expense for these projects, which are budgeted in the debt service fund from 2018 to 2023 is \$37,500 with a projected 20 years to pay off each project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$1,437,499.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$10,437,499.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
Totals		\$1,437,499.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$10,437,499.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$200,000.00		\$210,000.00	\$210,000.00	\$210,000.00	\$210,000.00	\$210,000.00	\$1,250,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets	\$1,237,499.00	\$1,500,000.00	\$1,290,000.00	\$1,290,000.00	\$1,290,000.00	\$1,290,000.00	\$1,290,000.00	\$9,187,499.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$1,437,499.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$10,437,499.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2902188 Special Assessment Projects
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Annual Project for public health and safety
RESPONSIBLE PERSON: Mike Flesch

<input type="checkbox"/>	One Time Project or Item	<input type="checkbox"/>	Multi-Year Project or Item	<input checked="" type="checkbox"/>	Yearly Project or Item
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PROJECT STATUS:
CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.
3. Create and sustain economic and residential growth.
5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will provide funding for projects requested by citizens. The cost of the requested projects will be specially assessed back to the property owners. These type of projects would include street extensions, sanitary sewer extensions and water main extension. Initial alley paving also would be a project.

JUSTIFICATION: Program not funded by other means. All costs are to be special assessed. A citizen has inquired about getting sewer service. The private septic systems in this area are aging and approaching the end of their useful life. The area is in the City's Sewer Service Area and service should be provided. The costs will be special assessed to the benefiting properties.

IMPACT ON OPERATING BUDGET: These projects are typically small sewer and or water extension and alley paving. The system expansions are small and do not impact the budget significantly, depending on the size and scope of project initiated.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$700,000.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$700,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$52,500.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets	\$92,500.00	\$92,500.00	\$92,500.00	\$92,500.00	\$92,500.00	\$92,500.00	\$92,500.00	\$647,500.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$700,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

CITY OF БЕЛОIT
2018- 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2905660 Townline reconstruction - Madison to Whipple
DEPARTMENT: Public Works/Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Mike Flesch
RESPONSIBLE PERSON: Mike Flesch



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

- 3. Create and sustain economic and residential growth.
- 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will install curb and gutter on Townline Avenue where it currently does not exist. Project limits are from Madison Road to Whipple Street.

JUSTIFICATION: The pavement in these areas is in poor condition and in need of reconstruction. As part of the reconstruction curbs will be added to conform with the adjacent blocks of Townline.

IMPACT ON OPERATING BUDGET: Minimal impact, will have to patch less.
 The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$7,850.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$26,000.00	\$399,702.00						\$425,702.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Town of Beloit								\$0.00
	Totals	\$26,000.00	\$399,702.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$425,702.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$2,000.00							\$2,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$24,000.00	\$24,000.00						\$48,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$375,702.00						\$375,702.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$26,000.00	\$399,702.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$425,702.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2903529 Keeler Avenue Reconstruction (Park Ave-Wisconsin Ave)
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering
RESPONSIBLE PERSON: Mike Flesch



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project reconstructs Keeler Ave from Park Ave to Wisconsin Ave. The project includes new base and pavement, curb and gutter and driveway aprons. Decorative Street Lighting is not included.
 Design in 2018 with construction in 2019 allows for the evaluation and inclusion of underground utilities.

JUSTIFICATION: The pavement is in poor condition and needs replacement.

IMPACT ON OPERATING BUDGET: Will reduce the need for patching pot holes.
 The estimated issuance interest expense for these projects, which is budgeted in the debt service fund in 2018 is \$3,075 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$36,000.00	\$288,576.00					\$324,576.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$36,000.00	\$288,576.00	\$0.00	\$0.00	\$0.00	\$0.00	\$324,576.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$10,000.00						\$10,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$26,000.00	\$22,000.00					\$48,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$266,576.00					\$266,576.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$36,000.00	\$288,576.00	\$0.00	\$0.00	\$0.00	\$0.00	\$324,576.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018- 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2903530 Shopiere Road Resurfacing
DEPARTMENT: Public Works/Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).
 3. Create and sustain economic and residential growth.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:
 This project will resurface Shopiere Road between Prairie Avenue and Cranston Road. The project will mill 2 inches of the existing asphalt pavement and replace with new asphalt. Replacement of the old asphalt curb is not included. No changes to exiting sidewalk will be made, no sidewalk gaps will be filled. Decorative street lighting will not be installed and existing sidewalk will remain on east side of road only.

JUSTIFICATION: The existing pavement is in poor condition and needs resurfacing to extend the useful life of the street and minimize the number of potholes.

IMPACT ON OPERATING BUDGET: This project will save funding that would have been used to fill in potholes. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$11,450 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$458,000.00						\$458,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Town of Beloit								\$0.00
	Totals	\$0.00	\$458,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$458,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$50,000.00						\$50,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets		\$408,000.00						\$408,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$458,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$458,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Broad Street Bridge Bearing Replacement

DEPARTMENT: Public Works/Engineering

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Engineering

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS:

One Time Project or Item	X	Multi-Year Project or Item	Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will replace abutment bearings, replace strip seals, and rebuild approach slabs to extend the service life of the structure. Eastbound lanes one year, westbound the second.

JUSTIFICATION: Without repairs the useful life of the bridge will be reduced.

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this project which would be budgeted in the debt service fund is \$6,125 in 2019 and 2020.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt			\$245,000.00	\$245,000.00				\$490,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$245,000.00	\$245,000.00	\$0.00	\$0.00	\$0.00	\$490,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$5,000.00	\$5,000.00				\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets			\$240,000.00	\$240,000.00				\$480,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$245,000.00	\$245,000.00	\$0.00	\$0.00	\$0.00	\$490,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 503

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: Willowbrook Road Concrete Pavement Repairs
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS:	X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces failing concrete pavement on Willowbrook Road from the Rail Road north to Kennedy Drive

JUSTIFICATION: The pavement is in poor condition and needs replacement. This will help extend the service life of this section of roadway and delay future reconstruction needs.

IMPACT ON OPERATING BUDGET: Will reduce the need for patching pot holes.
 The estimated issuance interest expense for these projects, which is budgeted in the debt service fund in 2019 is \$3,075 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt			\$123,000.00					\$123,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$123,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$123,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$16,000.00					\$16,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets			\$107,000.00					\$107,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$123,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$123,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2905661 Henry Avenue Resurfacing between Park Ave and Royce Ave
DEPARTMENT: Public Works - Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Department of Public Works/Engineering
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):
 3. Create and sustain economic and residential growth.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:
 This project will mill and overlay the surface of Henry Avenue between Park Avenue and Royce. Spot curb and gutter repair will take place. Harrison to Wisconsin was recently re-built and not included as part of this project.
 Decorative lighting is not included as part of this project.

JUSTIFICATION:
 The road surface of Henry Avenue is starting to deteriorate. Areas of curb and gutter are starting to fail and will need to be repaired.

IMPACT ON OPERATING BUDGET:
 The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$7,750. with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$21,500.00		\$310,000.00					\$331,500.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$21,500.00	\$0.00	\$310,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$331,500.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$21,500.00		\$21,500.00					\$43,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$288,500.00					\$288,500.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$21,500.00	\$0.00	\$310,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$331,500.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2901470 Prairie Avenue Reconstruction Cranston Road to Huebbe Parkway
DEPARTMENT: Public Works/Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Public Works
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will design the reconstruction/rehabilitation of Prairie Avenue from Cranston Rd to Huebbe Pkwy. The design will follow DOT process and plan preparation will be to DOT standards. As part of the design the complete reconstruction will be evaluated along with the needed cross section to accommodate the traffic in the design year. Pedestrian and bike needs will also be analyzed.

JUSTIFICATION: Department Of Transportation (DOT) funding is now advising local agencies to complete the design of projects to maximize the funds available for construction. This corridor has deteriorated concrete pavement with varying cross section between 4-lane divided and non-divided urban sections. Construction of this design will be funded at 80% state and federal with the remaining 20% as the local match.

IMPACT ON OPERATING BUDGET: Negligible impact to the operating budget.
 The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$6,200 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$350,000.00		\$248,000.00					\$598,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds			\$950,000.00					\$950,000.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$350,000.00	\$0.00	\$1,198,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,548,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$326,000.00							\$326,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$24,000.00		\$10,000.00					\$34,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets			\$1,188,000.00					\$1,188,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$350,000.00	\$0.00	\$1,198,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,548,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Liberty Avenue Intersections Concrete Pavement Repairs
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project removes and replaces failing pavement at the following intersections with Liberty Avenue: Townline, McKinley, Lincoln, Hackett, Bluff, and Sixth

JUSTIFICATION: The pavement is in poor condition and needs replacement. This will help extend the service life of this section of roadway and delay future reconstruction needs.

IMPACT ON OPERATING BUDGET: Will reduce the need for patching pot holes.
 The estimated issuance interest expense for this project which would be budgeted in the debt service fund is \$6,875 in 2020.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt				\$275,000.00				\$275,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$275,000.00	\$0.00	\$0.00	\$0.00	\$275,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$36,000.00				\$36,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets				\$239,000.00				\$239,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$275,000.00	\$0.00	\$0.00	\$0.00	\$275,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Milwaukee Road Concrete Pavement Repairs
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering
RESPONSIBLE PERSON: Mike Flesch

<input type="checkbox"/>	One Time Project or Item	<input checked="" type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item
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PROJECT STATUS:
CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces failing concrete pavement on Milwaukee Road just east of the Turtle Creek. West bound lanes will be done in 2020. Eastbound lanes will be done in 2021.

JUSTIFICATION: The pavement is in poor condition and needs replacement. This will help extend the service life of this section of roadway and delay future reconstruction needs.

IMPACT ON OPERATING BUDGET: Will reduce the need for patching pot holes. The estimated issuance interest expense for this project which would be budgeted in the debt service fund is \$5,325 in 2020 and 2021.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt				\$213,000.00	\$213,000.00			\$426,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$213,000.00	\$213,000.00	\$0.00	\$0.00	\$426,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$30,000.00	\$30,000.00			\$60,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets				\$183,000.00	\$183,000.00			\$366,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$213,000.00	\$213,000.00	\$0.00	\$0.00	\$426,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Henry Avenue Resurfacing between Riverside Drive and Park Avenue

DEPARTMENT: Public Works - Engineering

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

3. Create and sustain economic and residential growth.
5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will mill and overlay the surface of Henry Avenue between Riverside Drive and Park Avenue. New pavement markings are included also. New decorative lighting will be installed under a separate project.

JUSTIFICATION: The road surface of Henry Ave is starting to deteriorate. Areas of curb and gutter are starting to fail and will need to be repaired

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$5,175 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt				\$207,000.00				\$207,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$207,000.00	\$0.00	\$0.00	\$0.00	\$207,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$22,000.00				\$22,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs				\$185,000.00				\$185,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$207,000.00	\$0.00	\$0.00	\$0.00	\$207,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 503

CITY OF БЕЛОIT
2018- 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST



PROJECT TITLE: P2905660 Townline Curb and Gutter - Shirland to St. Lawrence
DEPARTMENT: Public Works/Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Mike Flesch
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

- 3. Create and sustain economic and residential growth.
- 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will install curb and gutter on Townline Avenue where it currently does not exist. Project limits are from Shirland Av. to St. Lawrence Av.

JUSTIFICATION: The pavement in these areas is in poor condition and in need of reconstruction. As part of the reconstruction curbs will be added to conform with the adjacent blocks of Townline.

IMPACT ON OPERATING BUDGET: Minimal impact.
 The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$14,400.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt				\$576,156.00				\$576,156.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Town of Beloit								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$576,156.00	\$0.00	\$0.00	\$0.00	\$576,156.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$24,000.00				\$24,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs				\$552,156.00				\$552,156.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$576,156.00	\$0.00	\$0.00	\$0.00	\$576,156.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2902059 Henry Avenue/Shopiere Road Resurfacing between Royce and Prairie
DEPARTMENT: Public Works - Engineering

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: DPW
RESPONSIBLE PERSON: Mike Flesch

<input checked="" type="checkbox"/>	One Time Project or Item	<input type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item
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PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):
 3. Create and sustain economic and residential growth.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will mill and overlay this section with spot curb and gutter replacement

JUSTIFICATION: The road surface is starting to deteriorate along with the curb and gutter. Spot replacement of the curb and a new riding surface will extend the useful life of the corridor delaying reconstruction.

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$3,175 with a projected 10 years to pay off the project.
 Widening the street will result in more snow plowing.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$4,000.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$90,000.00			\$127,000.00				\$217,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$90,000.00	\$0.00	\$0.00	\$127,000.00	\$0.00	\$0.00	\$0.00	\$217,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$30,000.00			\$12,000.00				\$42,000.00
5510	Land Acq/Relocate	\$60,000.00							\$60,000.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets				\$115,000.00				\$115,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$90,000.00	\$0.00	\$0.00	\$127,000.00	\$0.00	\$0.00	\$0.00	\$217,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Street lighting Update

DEPARTMENT: Public Works - Engineering

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

3. Create and sustain economic and residential growth.
5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Update the street lighting on Henry Avenue between Riverside and Park to City of Beloit standards
Update the street lighting on White Avenue between Riverside and Harrison to City of Beloit standards

JUSTIFICATION: The existing lighting has been retro-fitted and pieced together over the years. This project will replace the outdated poles and bring these areas up to City Center standards for lighting.

IMPACT ON OPERATING BUDGET: No significant impact. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2021 is \$3,875, with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt					\$155,000.00			\$155,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$155,000.00	\$0.00	\$0.00	\$155,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs					\$155,000.00			\$155,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$155,000.00	\$0.00	\$0.00	\$155,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Liberty Ave. TIA Bluff to Fourth
DEPARTMENT: Public Works/Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Public Works
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will model traffic patterns for the Liberty Ave signals , signals at 6th Street and the removal of Signals at Bluff St. to determine the traffic impacts of the proposed changes prior to moving forward with design of the corridor.

JUSTIFICATION: Liberty at Fourth is being considered to be redesigned as a free flowing curve instead of a signalized intersection. This TIA will Model the impacts on traffic of doing so and also model the changes in signalization from Bluff to Sixth street that would be needed as part of the updated corridor design.

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2021 is \$550. with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing				\$22,000.00				\$22,000.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$22,000.00	\$0.00	\$0.00	\$22,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

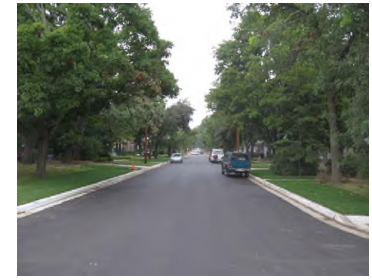
EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs					\$20,000.00			\$20,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$2,000.00				\$2,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$22,000.00	\$0.00	\$0.00	\$22,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2903466 Emerson St: Reconstruction
DEPARTMENT: Public Works/ Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: DPW
RESPONSIBLE PERSON: Mike Flesch



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):

3. Create and sustain economic and residential growth.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will continue to reconstruct deteriorated streets in the target neighborhood on the east side. Water main will be upgraded as needed new pavement and curb and gutter will be installed, decorative street lighting will be added. Emerson from Church to Milwaukee Rd will be designed and constructed in 2021.

JUSTIFICATION: This project is part of the neighborhood redevelopment plan. The streets are in need of repair.

IMPACT ON OPERATING BUDGET: The Engineering general fund will need additional electricity for the new street lighting. The estimated issuance interest expense for this project, which is budgeted in the debt service fund for is \$21,000 in 2021, with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$1,300.00	\$1,450.00	\$1,600.00	\$4,350.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$2,521,400.00				\$840,000.00			\$3,361,400.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$2,521,400.00	\$0.00	\$0.00	\$0.00	\$840,000.00	\$0.00	\$0.00	\$3,361,400.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$42,400.00							\$42,400.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$386,000.00				\$60,000.00			\$446,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets	\$2,093,000.00				\$780,000.00			\$2,873,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$2,521,400.00	\$0.00	\$0.00	\$0.00	\$840,000.00	\$0.00	\$0.00	\$3,361,400.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 503

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Grand Ave Brick Pavers

DEPARTMENT: Public Works

REQUESTING PROJECT OR RESPONSIBLE PERSON: Larry Arft - Previous City Manager

RESponsible Person: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

3. Create and sustain economic and residential growth.
5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will remove the existing pavement and install brick pavers in the 400 Block of East Grand Ave. New curb and gutter will be required. Utility upgrades will be evaluated in the design phase and upgraded as required. Design in 2022 with construction in 2023.

JUSTIFICATION: It is the desire of the prior City Manager, Larry Arft, to install bricks pavers in this block to complete the downtown image that began with the 300 block of State Street.

IMPACT ON OPERATING BUDGET: No significant impacts.
The estimated issuance interest expense for these projects, which are budgeted in the debt service fund in 2022 is \$1,125 and in 2023 is \$15,150 with a projected 10 years to pay off each project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt						\$45,000.00	\$606,000.00	\$651,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45,000.00	\$606,000.00	\$651,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs						\$5,000.00		\$5,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng						\$40,000.00	\$45,000.00	\$85,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets							\$561,000.00	\$561,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45,000.00	\$606,000.00	\$651,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 503

CITY OF BELOIT
2019 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST



PROJECT TITLE: P2910450 PARK FACILITIES & ENHANCEMENTS

DEPARTMENT: DPW - PARKS & LEISURE SERVICES

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM PRIORITY PROJECTS AS IDENTIFIED BY DIVISION STAFF & PARC

RESPONSIBLE PERSON: JODINE SAUNDERS

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.
5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

- 2018 - BROOKS STREET PARK - Replace Playground + Landscaping with Trees = \$40,000
- 2018 - SUMMIT PARK - Soccer Field Renovations = \$55,000
- 2018 - TURTLE CREEK PARK - Re-purpose the existing Pool House = \$233,640
- 2019 - BIG HILL PARK - ski jump/ overlook historic marker/ memorial = \$20,000
- 2019 - BIG HILL PARK - general signage improvements = \$10,000
- 2019 - CHRISTILLA PARK - Install walkway from Christilla to inner park area = \$50,000
- 2019 - CHRISTILLA PARK - Install small picnic shelter = \$50,000
- 2019 - FIELD PARK - Upgrade lighting at park site = \$75,000
- 2019 - FIELD PARK - landscape & add historic signage at NW corner = \$20,000
- 2019 - FREEMAN PARK - Develop master plan = \$5,000
- 2019 - HARPERS PRAIRIE PARK - install environmental signage & park furnishings = \$10,000
- 2019 - HILLARD PARK - site furnishings (benches, picnic tables, signage, litter cans, bike racks) = \$10,000
- 2019 - HINCKLEY PARK - park master plan = \$5,000
- 2019 - HINCKLEY PARK - landscaping = \$10,000
- 2019 - HORACE WHITE PARK - construct Grand Alley & Memorial Plaza = \$250,000
- 2019 - HORACE WHITE PARK - sidewalk improvements with ADA accessible route throughout park = \$110,000
- 2019 - HORACE WHITE PARK - landscaping = \$20,000
- 2019 - KRUEGER PARK - reconfigure park entrance to the south = \$150,000
- 2019 - LEESON PARK - remodel/replace park shelter/ building & park master plan = \$100,000
- 2019 - REV US PRIDE PARK - replace playground = \$35,000
- 2019 RIVERSIDE PARK - replace light bulbs with new LED lighting = \$100,000
- 2019 RIVERWALK - repair concrete flatwork where needed = \$10,000
- 2019 - ROOSEVELT PARK - reconstruct stairs down into park = \$50,000
- 2019 - TELFER PARK - Develop & construct Park Plaza area with new outdoor walkways & ice arena north of pavilion = \$100,000
- 2019 - TURTLE CREEK PARK - install new picnic shelter = \$50,000
- 2019 - VERNON PARK - upgrade baseball fields & repurpose existing tennis courts = \$20,000
- 2020 - BIG HILL PARK - Woodland trail retaining wall = \$80,000
- 2020 - BROWN -HATCHETT PARK - replace playground equipment = \$30,000
- 2020 - BROWN -HATCHETT PARK -Landscaping (shade trees) = \$5,000
- 2020 - CHRISTILLA PARK - landscaping = \$10,000
- 2020 - HARPERS PRAIRIE - prairie restoration = \$10,000
- 2020 - HILLIARD PARK - renovate existing shelter = \$30,000
- 2020 - HINCKLEY PARK - add picnic shelter = \$50,000
- 2020 - HORACE WHITE PARK - general signage improvements = \$20,000
- 2020 - LEESON PARK - ball field backstop, plaza & lighting upgrades (2 fields) = \$200,000
- 2020 - REV US PRIDE PARK - riverbank improvements = \$50,000
- 2020 - RIVERSIDE PARK - upgrade & improve lower Moore concession area & rest rooms = \$50,000
- 2020 - SCHELLENGER PARK - remove existing limestone staircase = \$10,000
- 2020 SUMMIT PARK - Shelter renovations = \$25,000

2021 - BIG HILL PARK - Amphitheater renovation = \$10,000
2021 - HILLARD PARK - install new baseball backstop (NE corner) = \$10,000
2021 - HINCKLEY PARK - add walking/bike path = \$75,000
2021 - HORACE WHITE PARK - replace playground = \$75,000
2021 - HOPE PARK - construct new park entrance w/landscaping & park furnishings = \$10,000
2021 - KRUEGER PARK - erosion control (lower level) = \$60,000
2021 - LEE LANE PARK - develop park plan landscaping design & install walking path & site furnishings = \$70,000
2021 - LEESON PARK - replace road gates by bridges = \$20,000
2021 - MECHANICS GREEN PARK - add informational signage in Rhoades Arboretum = \$5,000
2021 - RIVERSIDE PARK - replace tree house in Turtle Island = \$75,000
2021 - TURTLE CREEK FLOODPLAIN - construct bridges to expand trail network = \$250,000
2021 - TURTLE CREEK PARK - install new playground = \$30,000
2021 - WOOTON PARK - picnic shelter/gazebo, tennis court with upgraded lighting = \$140,000
2022 - BIG HILL PARK - native prairie & shade tree installation = \$75,000
2022 - CHRISTILLA PARK - install perimeter walking path around park = \$60,000
2022 - FREEMAN PARK - install shelter = \$75,000
2022 - FREEMAN PARK - site furnishings (benches, picnic tables, signage, litter cans, bike racks) = \$10,000
2022 - FREEMAN PARK - install playground = \$40,000
2022 - HILLARD PARK - replace playground = \$40,000
2022 - HOPE PARK - replace perimeter fencing with ornamental fence + \$30,000
2022 - MECHANICS GREEN PARK - add central seating area in Rhoades Arboretum = \$20,000
2022 - TELFER PARK - replace playground = \$60,000
2022 - TOWNVIEW PARK - native prairie restoration = \$50,000
2023 - CHRISTILLA PARK - replace playground = \$40,000
2023 - HILLIARD PARK - install new baseball backstop (NE corner) = \$20,000
2023 - HINCKLEY PARK - add basketball court = \$25,000
2023 - HINCKLEY PARK - add skate spot = \$30,000
2023 - HINCKLEY PARK - upgrade & improve athletic fields: soccer & softball play = \$75,000
2023 - HORACE WHITE PARK - ramble walkway picnic area with rock outcroppings = \$40,000
2023 - HORACE WHITE PARK - garden area with relocated cannon = \$80,000
2023 - KRUEGER PARK - re-cap and renovate light house, add skate spot = \$45,000
2023 - LEESON PARK - repave roads, realign park entrance, construct walking bridge over creek, construct new picnic shelter, install new playground (upper area), install sandlot backstop = \$435,000
2023 - RIVERSIDE PARK - add new playground near Mid-lawn shelter = \$40,000
2023 - ROOSEVELT PARK - renovate ball field & sports lighting = \$125,000
2023 - SUMMIT PARK - replace perimeter fence with black vinyl fencing = \$50,000

JUSTIFICATION:

2018 - BROOKS STREET PARK - current playground equipment is 21 years old and scheduled for replacement.
2018 - SUMMIT PARK - turf area of the Soccer Field is in needed of replacement due to excessive amount of play.
2018 - TURTLE CREEK PARK - bath house has been closed for over 30+ years and is considered an eye-sore in park.

IMPACT ON

OPERATING BUDGET:

New Playground equipment should reduce maintenance and repairs over the next 2-3 years (minimally), otherwise, general maintenance of playgrounds will remain the same within the scope of the parks fund budget.

The estimated issuance interest expense for these projects which would be budgeted in the debt service fund is \$2,500 in 2018, and \$6,000 in 2019-2023.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	-\$1,000.00	-\$900.00	-\$800.00	-\$700.00	-\$600.00	-\$500.00	-\$4,500.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$240,000.00	\$100,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$1,540,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$240,000.00	\$100,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$1,540,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$20,000.00							\$20,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$220,000.00	\$100,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$1,520,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$240,000.00	\$100,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$240,000.00	\$1,540,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM:

399

SUB-PROGRAM:

510

CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2910575 RECREATION FACILITY ENHANCEMENTS

DEPARTMENT: DPW - PARKS & LEISURE SERVICES DIVISION

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM PRIORITY PROJECTS AS IDENTIFIED BY DIVISION STAFF & PARC

RESPONSIBLE PERSON: JODINE SAUNDERS



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

- 1. Create and sustain safe and healthy neighborhoods.
- 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

- 2018 - Krueger Pool - replace sealant in deep pool well & main pool well = \$25,000
- 2018 - Krueger Pool - provide 2nd means of access to swimming pool = \$30,000
- 2018 - Krueger Pool - Upgrade Electrical distribution = \$45,000
- 2018 - Krueger Pool - Verify & enhance exit and emergency lighting = \$5,000
- 2019 - BIG HILL CENTER - replace carpeting in upper level conference room = \$5,000
- 2019 - BIG HILL CENTER - remodel interior L-shape office space to banquet room with catering kitchen amenities = \$50,000
- 2019 - BIG HILL CENTER - expand exterior deck = \$10,000
- 2019 - KRUEGER POOL - replace perimeter fencing = \$100,000
- 2019 - KRUEGER POOL - renovate concession area = \$5,000
- 2019 - KRUEGER POOL - bath house improvements = \$20,000
- 2019 - EDWARDS CENTER - install new roll-away bleachers = \$60,000
- 2019 - EDWARDS CENTER - paint pavilion interior ceiling = \$25,000
- 2019 - LEISURE SERVICES OFFICE - replace roof using historic period shingles = \$10,000
- 2020 - EDWARDS CENTER - replace exterior fencing with black vinyl = \$10,000
- 2021 - KRUEGER POOL - add water slide to pool = \$50,000
- 2021 - EDWARDS CENTER - replace roof on lobby area = \$100,000

JUSTIFICATION:

- 2018 - Krueger Pool Sealant Replacement - identified as a Critical Issue within the GRAEF Pool Assessment Report (April, 2017)
- 2018 - Krueger Pool 2nd Access - identified as a Critical ADA Accommodations within the GRAEF Pool Assessment Report (April, 2017)
- 2018 - Krueger Pool Electrical Upgrades - identified as a Critical Issue within the GRAEF Pool Assessment Report (April, 2017)
- 2018 - Krueger Pool Emergency Lighting Upgrades - identified as a Critical Issue within the GRAEF Pool Assessment Report (April, 2017)

OPERATING BUDGET:

If these projects for infrastructure repairs are not addressed through the CIP, then they will still need to be addressed through the Operational Fund Budget of each facility. Ignoring these repairs may lead to further repair and maintenance issues and could possibly lead to more costly repairs. The estimated issuance interest expense for these projects which would be budgeted in the debt service fund is \$3,025 in 2018, \$7,125 in 2019, \$250 in 2020 and \$3,750 in 2021, with a projected 10 years to pay off the projects.

**OPERATING MAINTENANCE
BUDGET PROJECTIONS:**

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$125,000.00	\$121,000.00	\$285,000.00	\$10,000.00	\$150,000.00			\$691,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$125,000.00	\$121,000.00	\$285,000.00	\$10,000.00	\$150,000.00	\$0.00	\$0.00	\$691,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$10,000.00						\$10,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$6,000.00						\$6,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$125,000.00	\$105,000.00	\$285,000.00	\$10,000.00	\$150,000.00			\$675,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$125,000.00	\$121,000.00	\$285,000.00	\$10,000.00	\$150,000.00	\$0.00	\$0.00	\$691,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2970666 City Owned Building Repairs & Evaluations
DEPARTMENT: Public Works
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

This project will evaluate and make recommendations for improvements to the publicly owned buildings that remain not inspected. The project also will make some of the improvements as recommended in the inspection reports.

JUSTIFICATION:

Delaying or ignoring facility exterior needs will result in acceleration in the decline of the public facilities and will require more costly repairs or even potentially facility replacements.

IMPACT ON OPERATING BUDGET:

The estimated issuance interest expense for these projects, which are budgeted in the debt service fund in 2018 - 2023 is \$3,125 , with a projected 10 years to pay off the projects.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$875,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$875,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$25,000.00	\$17,300.00	\$17,300.00	\$17,300.00	\$17,300.00	\$17,300.00	\$17,300.00	\$128,800.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$7,400.00	\$15,100.00	\$15,100.00	\$15,100.00	\$15,100.00	\$15,100.00	\$15,100.00	\$98,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$92,600.00	\$92,600.00	\$92,600.00	\$92,600.00	\$92,600.00	\$92,600.00	\$92,600.00	\$648,200.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$875,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2913663 City Hall Security Improvements
DEPARTMENT: City Manager/City Hall
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM
RESPONSIBLE PERSON: Lori S. Curtis Luther
 Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.
2. Create and sustain a "high performing organization" which means a sense of common purpose, constant improvement throughout the organization, tapping into employee talent and innovation, recognizing leadership at all levels.

DESCRIPTION: Updating Second and Third Floor Security office flow by removing public access to the entire floor and limiting the access to just the east end of each floor. Project to include demolition, construction, mechanicals, electrical and waste removal. The First floor will also have a new conference room added to accommodate Closed Council meetings and public meetings for occupants of the other floors.

JUSTIFICATION: Current office configuration allows for unobstructed accesses to the entire floors. Current security standards are not met. This project brings these floors to current security standards
 First floor=\$130,000; 2nd floor =\$160,000; 3rd floor = \$130,000.

IMPACT ON OPERATING BUDGET:

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in is \$4,000 in 2018 and \$3,975 in 2019-2020 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$200,000.00	\$160,000.00	\$159,000.00	\$159,000.00				\$678,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$200,000.00	\$160,000.00	\$159,000.00	\$159,000.00	\$0.00	\$0.00	\$0.00	\$678,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$35,000.00	\$11,050.00	\$11,050.00	\$11,050.00				\$68,150.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$10,000.00		\$12,500.00	\$12,500.00				\$35,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$155,000.00	\$148,950.00	\$135,450.00	\$135,450.00				\$574,850.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$200,000.00	\$160,000.00	\$159,000.00	\$159,000.00	\$0.00	\$0.00	\$0.00	\$678,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2913531 City Hall Window Replacement

DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces the plate glass windows on the south side of City Hall. It includes new windows, removal and reinstallation of the sheet metal siding so that the windows may be properly installed and made weather proof. The flashing around the windows will also be replaced.

JUSTIFICATION: The windows leak and upgrading the glass to current standards will help reduce heat loadings in the summer.

IMPACT ON OPERATING BUDGET: Should reduce maintenance costs to repair plaster near the windows. Could possibly see some marginal cooling savings. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$4,225 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	-\$250.00	-\$250.00	-\$250.00	-\$250.00	-\$250.00	-\$250.00	-\$1,500.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$181,000.00						\$181,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$181,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$181,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$10,000.00						\$10,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$10,000.00						\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$161,000.00						\$161,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$181,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$181,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399

SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2913532 Grinnell Roof Replacement

DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces the major roofs at Grinnell Hall.

JUSTIFICATION: The major roofs are past the end of their useful lives and has been experiencing leaking which then requires interior repairs. There are two small roofs remaining that are in good shape and do not need replacing at this time.

IMPACT ON OPERATING BUDGET: Should reduce maintenance costs to repair leaks and damage caused by leaks.

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$3,525 with a projected 10 years to pay off the project.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	-\$500.00	-\$500.00	-\$500.00	-\$500.00	-\$500.00	-\$500.00	-\$3,000.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$141,000.00						\$141,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$141,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$141,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$10,000.00						\$10,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$10,000.00						\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$121,000.00						\$121,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$141,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$141,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399

SUB-PROGRAM: 510

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2913534 Rotary Center Roof Replacement

DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces the roof and installs a roof ventilation system that will help extend the life of the newly installed roof. It also includes replacing the fascia cladding and repairs the dormers and sidewalls.

JUSTIFICATION: The shingles are showing signs of distress in granule loss, crazing and cracking and loose fasteners. Many areas have the shingles sliding down the slope of the roof. Inadequate roof ventilation is causing overheating and fastener failure due to increased moisture buildup due to lack of ventilation.

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$4,275 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$171,000.00						\$171,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$171,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$171,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$11,000.00						\$11,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$10,000.00						\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$150,000.00						\$150,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$171,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$171,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399

SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2913533 CIP Request for Public Library Space Redesign for Operational Efficiencies
DEPARTMENT: Beloit Public Library
RESPONSIBLE PERSON: Nick Dimassis

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods, especially "engage residents, businesses, and community organizations"
2. Create and sustain a "high performing organization", especially "high quality public service"
6. Create and sustain a positive image, enhance communications, and engage the community, especially "integrate community communication, outreach and engagement strategies throughout the organization."

DESCRIPTION: Remove the three service desks (aka, "forts") and redesign smaller service points (using material from those desks) that engage the staff with public sooner and in a more friendly way.
 Meets core organizational values: "outstanding public service" and "teamwork to creatively solve problems".

JUSTIFICATION: To break down departmental silos, better engage our customers and community, and reduce operational costs, the library needs to make physical alterations to its public service spaces, especially the public service desks (circulation, reference, and youth services).

IMPACT ON OPERATING BUDGET: Decrease payroll costs in order to balance budget, due to increased costs. FTE has remained the same since 2007 and operational budget has not been increased since 2014. This project would not decrease the library's appropriation from the city but prevent the library from reducing services. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$1,225 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$49,000.00						\$49,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$49,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$4,000.00						\$4,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$45,000.00						\$45,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$49,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: City Hall Elevator Replacements
DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces the two elevators in City Hall.

JUSTIFICATION: The current elevators are at the end of their useful life and are becoming more problematic with not functioning and "trapping" occupants when they fail.

IMPACT ON OPERATING BUDGET: Should reduce maintenance costs.
The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$5,975 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt			\$239,000.00					\$239,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$239,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$239,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs			\$10,000.00					\$10,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$10,000.00					\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$219,000.00					\$219,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$239,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$239,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: City Hall Exterior Repairs

DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces broken bricks caused by leaking roofs. It also replaces the brick joint sealer and paints lintels.

JUSTIFICATION: Broken bricks allow moisture to infiltrate the wall system eventually causing failure. Poorly maintained joint sealer do the same. Painting of the lintels are more than cosmetic. If they are allowed to rust they will eventually fail.

IMPACT ON OPERATING BUDGET: Should reduce maintenance costs to repair plaster near the windows. Could possibly see some marginal cooling savings. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$2,225 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt			\$89,000.00					\$89,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$89,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$89,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs			\$7,000.00					\$7,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$7,000.00					\$7,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$75,000.00					\$75,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$89,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$89,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399

SUB-PROGRAM: 510

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: Grinnell Exterior Envelope Repairs
DEPARTMENT: Public Works/Facilities
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS:	X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces spalled brick, paints lintels, repairs limestone block and tuck-pointing, paints and replaces perimeter sealant at wood windows wood doors and wood framed entrances, restores windows covered with Lexan, replaces aluminum framed windows, replaces metal framed glass entrance, and replaces air conditioning sleeves. Lead and asbestos abatement may be required as part of the paint preparation and sealant removal.

JUSTIFICATION: Deferred maintenance has led to the need for complete replacement of aluminum windows and some of the doors. All the windows and doors need to have the sealant replaced. Tuck pointing is needed to preserve the brick exterior from deteriorating due to water infiltration damage.

IMPACT ON OPERATING BUDGET: Sealing windows and doors along with replacing many windows will help to reduce heating and air-conditioning costs. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$5,925 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt			\$237,000.00					\$237,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$237,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$237,000.00

Ok Ok Ok Ok Ok Ok Ok Ok Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs			\$14,000.00					\$14,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$10,000.00					\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$213,000.00					\$213,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$237,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$237,000.00

Ok Ok Ok Ok Ok Ok Ok Ok Ok

PROGRAM: 399
SUB-PROGRAM: 510

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: Krueger Pool Bath House Exterior Envelope Repairs
DEPARTMENT: Public Works/Facilities
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS:	X	One Time Project or Item	<input type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will repair/replace cracked and broken limestone, replaces all windows and metal clad doors, and replaces the framed glass entrance.

JUSTIFICATION: The windows are beyond their design service life. All the frames are rusted and many are lacking perimeter sealants. Some of the lintels are deflected and need replacing and there are a number of sections of limestone that are stained and cracked that will deteriorate further if not maintained.

IMPACT ON OPERATING BUDGET: Should reduce repair costs
 The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$5,925 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt			\$239,000.00					\$239,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$239,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$239,000.00

Ok Ok Ok Ok Ok Ok Ok Ok Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs			\$13,000.00					\$13,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$13,000.00					\$13,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$213,000.00					\$213,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$239,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$239,000.00

Ok Ok Ok Ok Ok Ok Ok Ok Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: 2400 Springbrook Roof Replacement

DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS:	X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces the roof at 2400 Springbrook Ct

JUSTIFICATION: The roof is at the end of it useful life and should be replaced prior to major leaks occurring.

IMPACT ON OPERATING BUDGET: There will be less costs on fixing leaks
The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$10,250 with a projected 10 years to pay off the project.

OPERATING MAINTENANCE BUDGET PROJECTIONS:	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget - Sanitary Sewer			\$205,000.00					\$205,000.00
4500	Operating Budget - Storm Sewer			\$41,000.00					\$41,000.00
4500	Operating Budget - Water Utility			\$164,000.00					\$164,000.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals		\$0.00	\$410,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$410,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs			\$27,000.00					\$27,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$15,000.00					\$15,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$368,000.00					\$368,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$410,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$410,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399

SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: City Fuel System
DEPARTMENT: Public Works - Transit
RESPONSIBLE PERSON: Michelle Gavin

PROJECT STATUS:	X	One Time Project or Item	<input type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item

**CIP PROJECT
ACCOMPLISHES COUNCIL
GOAL(S).**

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Replace our current fueling system to include both equipment and installation. Replace existing fuel system with 1-new 10,000 gallon above ground self - contained (DEF) Diesel Exhaust Fluid system, Gasboy dispenser and Fuelmaster.
 2021 Replace fuel tank, pump and fuel controls \$100,000

JUSTIFICATION:

Current system is starting to show wear with breakdowns and calls for service, parts availability very poor since the company (Jeppa) went out of business.

**IMPACT ON OPERATING
BUDGET:**

No impact on operating budget.
 The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$400 in 2020 with a projected 10 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt				\$15,600.00	\$20,000.00			\$35,600.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds				\$62,400.00	\$80,000.00			\$142,400.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$78,000.00	\$100,000.00	\$0.00	\$0.00	\$178,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software				\$78,000.00	\$100,000.00			\$178,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$78,000.00	\$100,000.00	\$0.00	\$0.00	\$178,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Krueger Pool Bath House Roof Replacement

DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces the roof on the Krueger Pool Bath House and appropriate related flashings.

JUSTIFICATION: The roof has reached the end of its service life and is leaking and in need of replacement to prevent further deterioration

IMPACT ON OPERATING BUDGET: Should reduce repair costs.
The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$3,100 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt				\$124,000.00				\$124,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$124,000.00	\$0.00	\$0.00	\$0.00	\$124,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs				\$7,000.00				\$7,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$7,000.00				\$7,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs				\$110,000.00				\$110,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$124,000.00	\$0.00	\$0.00	\$0.00	\$124,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Operations Control Joint and Various Masonry Repairs
DEPARTMENT: Public Works/Facilities
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project replaces control joint sealants, seals cracks in split face Concrete Masonry Unit and mortar, seal interior cracks and seal contracted weather seals.

JUSTIFICATION: Without these repairs the building becomes more prone to water infiltration into the wall system which will cause more damage and much more expensive repairs in the future.

IMPACT ON OPERATING BUDGET: May have funding in contingencies from the roof project.
The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$1,275 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt				\$51,000.00				\$51,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$51,000.00	\$0.00	\$0.00	\$0.00	\$51,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs				\$4,000.00				\$4,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$3,000.00				\$3,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs				\$44,000.00				\$44,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$51,000.00	\$0.00	\$0.00	\$0.00	\$51,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2511263 Transit Garage Facility Maintenance
DEPARTMENT: Public Works/Transit
RESPONSIBLE PERSON: Michelle Gavin

	One Time Project or Item	X	Multi-Year Project or Item		Yearly Project or Item
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PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

This facility was built in 1995. There are several capital needs that need to be addressed based on the age of the original materials and equipment.
 2021 Building Envelope (windows, doors, entrance, caulking, sills, flashing)(\$45,000).
 2021 - \$329,000 roof replacement, this project replaces the rubber roof and associated items with a new EPDM roof.
 The existing EPDM(extremely durable synthetic rubber roofing) is at the end of its service life and is having more frequent leaks.
 2021 - Replace the Transit Overhead Infrared HVAC systems ("CoRay-Vac Heating System") \$202,000
 2021 replace bus wash and controls \$125,000
 2022 Repave Parking lot \$350,000.
 2023 Replace exterior lighting \$35,000.
 2023 sand and epoxy garage floor \$100,000

JUSTIFICATION:

Capital procurements are eligible for Federal Transit Administration are eligible for an 80 % federal match requiring only 20% local funding.
 The existing roof is at the end of its service life. The construction joints have been patched and the patches are showing signs of failure which will lead to many leaks. The roof should be replaced prior to leaking causing more costly repairs.

IMPACT ON OPERATING BUDGET:

Procurements purchased under the operating budget receive only 53 % federal/state funding. There will be less costs on fixing leaks. FTA capital grants fund at an 80 % federal match. The estimated issuance expense for this project in 2021 is \$225, in 2022 is \$1,750 and in 2023 is \$175, with a projected 10 years to pay off the projects.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior	2018	2019	2020	2021	2022	2023	GRAND TOTAL
		Adopted							
4900	GO Debt					\$140,200	\$70,000	\$27,000	\$237,200.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds					\$560,800	\$280,000	\$108,000	\$948,800.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals		\$0.00	\$0.00	\$0.00	\$701,000.00	\$350,000.00	\$135,000.00	\$1,186,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior	2018	2019	2020	2021	2022	2023	GRAND TOTAL
		Adopted							
5240	Professional Svcs					\$21,000.00			\$21,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng					\$20,000.00			\$20,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs					\$535,000	\$350,000	\$135,000	\$1,020,000.00
5533	Vehicle/Eq/Software					\$125,000			\$125,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$0.00	\$0.00	\$701,000.00	\$350,000.00	\$135,000.00	\$1,186,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
 SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2210631 CEMETERY REPAIRS & IMPROVEMENTS
DEPARTMENT: DPW - PARKS & LEISURE SERVICES DIVISION
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: PRIORITY PROJECTS AS IDENTIFIED BY DIVISION STAFF & PARC
RESPONSIBLE PERSON: MARK EDWARDS

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):
 4. Create and sustain a high quality of life. Provide clean, safe, and attractive parks and related facilities.
 5. Create and sustain high quality infrastructure and connectivity. Maintain city facilities and plan for future needs.

DESCRIPTION:
 2018 - EASTLAWN CEMETERY - New Signage with Lights along Milwaukee Road = \$20,000
 2022 - EASTLAWN CEMETERY - Mausoleum = \$100,000

JUSTIFICATION:
 2018 - EASTLAWN CEMETERY - roadway infrastructure is deteriorating and in need of replacement paving near entrance area.
 2018 - EASTLAWN CEMETERY - new signage will provide more exposure for the cemetery & help in marketing services.

IMPACT ON OPERATING BUDGET:
 Projects provide overdue, long-term maintenance that has become cost prohibited to address within the Operations Structure Maintenance fund.
 The estimated issuance interest expense for these projects which would be budgeted in the debt service fund is \$500 in 2018 and \$2,500 in 2022 with a projected 10 years to pay off the projects.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$10,000.00	\$20,000.00				\$100,000.00		\$130,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$10,000.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$130,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$10,000.00	\$20,000.00				\$100,000.00		\$130,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$10,000.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$130,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
SUB-PROGRAM: 510

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2210543 Cemetery Office Roof Replacement

DEPARTMENT: Public Works/Facilities

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will remove all existing roofing and replace with new insulation and rubber roofing membrane.

JUSTIFICATION: The existing EPDM(extremely durable synthetic rubber roofing) is at the end of its service life and is having more frequent leaks.

IMPACT ON OPERATING BUDGET: There will be less costs on fixing leaks.
 The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$1,000 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	-\$500.00	-\$500.00	-\$500.00	-\$500.00	-\$500.00	-\$2,500.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$40,000.00						\$40,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals		\$0.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$2,500.00						\$2,500.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$2,500.00						\$2,500.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$35,000.00						\$35,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399

SUB-PROGRAM: 510

CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST



PROJECT TITLE: P2173636 KRUEGER HASKELL GOLF COURSE ENHANCEMENT

DEPARTMENT: DPW - PARKS & LEISURE SERVICES DIVISION

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM PRIORITY PROJECT AS IDENTIFIED BY DIVISION STAFF AND PARKS & REC COMMISSION

RESPONSIBLE PERSON: BRIAN RAMSEY, DIRECTOR OF PARKS & LEISURE SERVICES

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

2019 - Install new outdoor patio area = \$15,000
 2019 - Purchase new patio furnishings (tables, chairs, umbrellas) = \$10,000
 2019 - Pave maintenance shop parking lot = \$20,000

2020 - Remodel clubhouse restroom & locker room = \$30,000
 2020 - Replace tee box signage = \$30,000

2021 - Build north shelter/restroom #7 = \$60,000

2022 - Parking lot retaining wall = \$50,000

2023 - Construct driving range w/netting in area between pool and clubhouse = \$50,000

JUSTIFICATION: 2018 - A new outdoor patio will be able to accommodate more Playday/Golf Outings which may help increase revenue from more events. Currently, the maintenance shop parking lot is not in compliance with the City Ordinance requiring all parking lots to be paved. Additionally, this will provide an aesthetic look to the maintenance shop area as viewed by Golf patrons as they pass this area when playing #16 hole.

IMPACT ON OPERATING BUDGET: An outdoor patio area may help increase additional Golf Outing and increase revenue. This will reduce our cost in purchasing gravel to add to the parking area annually. If these infrastructure repairs are not addressed through the CIP Fund, then they will still need to be addressed through the Operational Fund Budget. The estimated issuance interest expense for these projects which would be budgeted in the debt service fund is \$1,125 in 2019, \$1,500 in 2020, \$1,500 in 2021, \$1,250 in 2022 and in 2023 with a projected 10 years to pay off the projects.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$112,000.00		\$45,000.00	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	\$377,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$112,000.00	\$0.00	\$45,000.00	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	\$377,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$112,000.00		\$15,000.00	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	\$347,000.00
5533	Vehicle/Eq/Software			\$10,000.00					\$10,000.00
5514	Roadway Const-Streets			\$20,000.00					\$20,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$112,000.00	\$0.00	\$45,000.00	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	\$377,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 399
 SUB-PROGRAM: 510

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2913535 Network Core Replacement
DEPARTMENT: IT Department
RESPONSIBLE PERSON: IT Department

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

2. Create and sustain a "high performing organization" which means a sense of common purpose, constant improvement throughout the organization, tapping into employee talent and innovation, recognizing leadership at all levels.

DESCRIPTION: This project replaces the outdated City infrastructure core switch and core router components. The current configuration is over 12 years old and 1 internal switch has already failed and been replaced in the 4500 series stack. All of the external entities communicate to the City's servers via the core switch and core router.

JUSTIFICATION: All City-wide services, supported by City Hall, communicate through the core router and switch bank. The centralized hardware is the heart of the City's communications and will down the entire City should a failure occur. There is no redundancy in the current configuration and if the core router or the core switch fail there is no ability to bring services back on line in a timely manner.

IMPACT ON OPERATING BUDGET: No impact, ongoing computer software maintenance support fee but that cost would be minimal and can be offset by cutting other support fees for similar equipment that would be removed and recycled.
 The estimated issuance interest expense for this equipment which would be budgeted in the debt service fund in 2018 is \$2,125, with a projected 10 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$85,000.00						\$85,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$85,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$85,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software		\$85,000.00						\$85,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$85,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$85,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 511

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2913536 Phone System Replacement
DEPARTMENT: IT Department
RESPONSIBLE PERSON: IT Department

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

2. Create and sustain a "high performing organization" which means a sense of common purpose, constant improvement throughout the organization, tapping into employee talent and innovation, recognizing leadership at all levels.

DESCRIPTION: This project replaces the outdated City phone system allocating \$45K to new servers and hardware components, \$95K to update voice gateways, and \$40K for individual desktop phone replacements.

JUSTIFICATION: The existing phone system has been in place since 2005 and has undergone a single server upgrade, along with subsequent patches. The voice gateways have an expected life of 12 years and vendor support with security patches is limited. We are unable to upgrade to newer, less expensive phones because of the system's age. We cannot take advantage of increased network speeds as the existing phones are limited to 100 mb ports.

IMPACT ON OPERATING BUDGET: Minimal ongoing hardware maintenance support fee but costs would be offset by cutting other support fees for similar equipment that would be removed and recycled.
 The estimated issuance interest expense for this equipment which would be budgeted in the debt service fund in 2018 is \$4,500, with a projected 10 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$180,000.00						\$180,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$180,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$180,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software		\$180,000.00						\$180,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$180,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$180,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 511

**CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2911537 Turn Out Gear Replacement
DEPARTMENT: Fire
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Fire Chief Bradley Liggett
RESPONSIBLE PERSON: Lieutenant Robert Everson - Acting Lieutenant Mike Rosario - Acting Lieutenant Chad Eneix

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):

1. Create and sustain safe and healthy neighborhoods.

DESCRIPTION: Based on the Beloit Fire Department turn out gear aging report attached replace the firefighting protective ensemble with National Fire Protection Association compliant gear. The cost of each set is \$3,690.

JUSTIFICATION: We currently are in need of 50 sets of turn out gear. 73 sets by the end of 2018. The cancer prevention best practice is to have two sets of gear in order to facilitate our cancer prevention program through proper gear washing care, inspection and repair in compliance with national best practices.

IMPACT ON OPERATING BUDGET: This will lessen the burden on the operating budget to catch up on the replacement schedule. The estimated issuance interest expense for this equipment which would be budgeted in the debt service fund in 2018 & 2019 is \$1,385, with a projected 10 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$7,200.00	\$7,200.00	\$7,200.00	\$0.00	\$0.00	\$0.00	\$21,600.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL	
4900	GO Debt		\$55,350.00	\$55,350.00	\$47,970.00				\$158,670.00	
4900	GO Debt - Sanitary Sewer								\$0.00	
4900	GO Debt - Storm Sewer								\$0.00	
4900	GO Debt - Water Utility								\$0.00	
4031	TID Financing								\$0.00	
490007	Utility Revenue Bond								\$0.00	
4999	Fund Balance								\$0.00	
4999	Equipment Fund								\$0.00	
4430	Spcl Assessments								\$0.00	
4330	State/Federal Funds								\$0.00	
4500	Operating Budget		\$55,350.00	\$55,350.00	\$47,970.00				\$158,670.00	
4501	Other								\$0.00	
	Totals		\$0.00	\$110,700.00	\$110,700.00	\$95,940.00	\$0.00	\$0.00	\$0.00	\$317,340.00
			Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL	
5240	Professional Svcs								\$0.00	
5240	Real Estate Svcs								\$0.00	
5258	In-house Design/Eng								\$0.00	
5510	Land Acq/Relocate								\$0.00	
5511	Construction Costs								\$0.00	
5533	Vehicle/Eq/Software		\$110,700.00	\$110,700.00	\$95,940.00				\$317,340.00	
5514	Roadway Const-Streets								\$0.00	
5516	Demolition & Site Prep								\$0.00	
5519	Sidewalks								\$0.00	
5522	Storm Sewer System								\$0.00	
5523	Sanitary Sewer								\$0.00	
5525	Water Utility								\$0.00	
5531	Vehicle - over \$1,000								\$0.00	
	Totals		\$0.00	\$110,700.00	\$110,700.00	\$95,940.00	\$0.00	\$0.00	\$0.00	\$317,340.00
			Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 511

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2911538 Replace Fleet's overhead hose reels
DEPARTMENT: Public Works-Fleet
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Fleet Work Group
RESPONSIBLE PERSON: Dan Lutz/Jodine Saunders

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

2. Create and sustain a "high performing organization"

DESCRIPTION:

Replace the Fleet overhead hose reels, hoses and dispensers with similar items from Grayco Equipment.
 The system includes 14 reels, hoses and dispensers.

JUSTIFICATION:

The system will be 20 years old, well beyond their safe and useful life and in need of replacement. Repair parts are getting more difficult to acquire.

IMPACT ON OPERATING BUDGET:

Replacing can help reduce the risk of accidents and workers compensation claims.
 The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$500 in 2018 with a projected 10 years to pay off the equipment.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$20,000.00						\$20,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software		\$20,000.00						\$20,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 511

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2911539 Replacement of CO & NO2 sensors in 4 buildings
DEPARTMENT: Fire and Water Resources
RESPONSIBLE PERSON: Scott Schneider

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

The existing sensors in all 3 fire stations and the Utilities & Engineering building are no longer supported, and beyond their extended life. This project will replace the existing sensors with a new sensor that is scheduled for support for at least 9 years.

JUSTIFICATION:

State statues require toxic gas sensors in enclosed parking garages is the exhaust fans are not running continuously. The cost to heat the city garages with continuous exhaust is cost prohibitive. The remaining units are no longer supported, and replacement parts are no longer available for purchase. A sensor failure in the operations building required a similar replacement project in 2017.

IMPACT ON OPERATING BUDGET:

This will be a one time cost through the lifecycle of the sensor units.
 The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2018 is \$14,475 with a projected 10 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$57,900.00						\$57,900.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$57,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57,900.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$3,900.00						\$3,900.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$54,000.00						\$54,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$57,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57,900.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 511

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2963030 Engine 697 Replacement
DEPARTMENT: Fire
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Bradley Liggett
RESPONSIBLE PERSON: Bradley Liggett



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.

DESCRIPTION:

Replacement of Engines 693 and 696. Engine city #693 was purchased in 1997 and scheduled for replacement in 2012 according to the vehicle replacement program. Engine city #696 & 697 were purchased in 1999 and are scheduled for replacement in 2016 according to the vehicle replacement program. Engine #693 is currently 18 years old and the cost of maintenance has increased significantly. Engine #696 & 697 are 16 years old and the cost of maintenance has also increased significantly.

JUSTIFICATION:

This causes the out-of-service time for these pieces of apparatus to increase as well. The safety and efficiency has become unreliable. National Fire Protection Association 1901 requires front line fire engines to be no more than 15 years old. Two engines were delivered and were in service in 2016. This will be the final replacement for this project in 2018. This will bring all of our pumping apparatus into compliance with safety standards.

IMPACT ON OPERATING BUDGET:

Replacing these engines will reduce these costs and increase safety, efficiency, and above all reliability. The estimated issuance interest expense for this equipment which would be budgeted in the debt service fund in 2018 & 2019 is \$5,750 , with a projected 10 years to pay off the equipment.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$422,577.00	\$230,000.00	\$230,000.00					\$882,577.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund	\$402,577.00							\$402,577.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$825,154.00	\$230,000.00	\$230,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,285,154.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software	\$20,000.00							\$20,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000	\$805,154.00	\$230,000.00	\$230,000.00					\$1,265,154.00
	Totals	\$825,154.00	\$230,000.00	\$230,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,285,154.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 512

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2511263 Transit Bus Replacement
DEPARTMENT: Public Works/Transit
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Michelle Gavin
RESPONSIBLE PERSON: Michelle Gavin



PROJECT STATUS:

<input type="checkbox"/>	One Time Project or Item	<input checked="" type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

3. Create and sustain economic and residential growth.
 4. Create and sustain a high quality of life.

DESCRIPTION:

2017: Replace 1 2002 Gillig Low Floor Bus.
 2019: Replace 3 2006 Gillig Low Floor Buses

JUSTIFICATION:

Upgrade existing fleet to within (FTA) Federal Transit Administration guidelines (12 years or 500K miles).
 "In May of 2016 the State of Wisconsin announced that the City of Beloit will be granted \$354,800 as part of the State of Wisconsin's allotment as part of the Federal Fiscal Year 2015 Federal Transit Administration's (FTA) "Section 5339 Bus and Bus Facilities Capital Grant Program." The grant funding represents a maximum of 80% of the cost of one new 35' Transit Coach (that will replace a 2002 model year bus). The FTA considers the usable life of a full-sized heavy duty transit coach of the type we operate to be the lesser of 12 years or 500,000 miles. Bus procurement is a lengthy process, including a 15-22 month period from the time a purchase order is issued until the time the new bus is built, delivered and finally invoiced. Given the age of our transit fleet, it is important that procuring the new bus not be delayed (average age 9, with more than half the current fleet exceeding 500,000 miles or 12 years within two years). Including this project in the 2019 CIP cycle will allow the City to issue a purchase order in 2019, with a 2020 delivery date. The local share (\$299,326) will come from a 201 GO Bond, as the invoice for the full cost of the bus is not issued until the buses are delivered which will be mid-2018. Currently the State of Wisconsin Department of Transportation is working on a statewide joint bus procurement. The City intends on participating in that joint procurement, which will enable it to only full compliance with federal, state and City purchasing requirements, but also ensure full and competitive bid pricing."

IMPACT ON OPERATING BUDGET:

Upgrading the existing fleet to FTA guidelines will greatly minimize operating expenses, reduces service interruptions, and will provide a positive safety and public image for an integral part of the City's key infrastructure.
 These buses will be funded at 80% Federal (grant)

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4301	State/Federal Funds	\$354,800		\$1,197,306					\$1,552,106
4500	Operating Budget								\$0
4501	Other	\$88,700		\$299,326.00					\$388,026
	Totals	\$443,500	\$0	\$1,496,632	\$0	\$0	\$0	\$0	\$1,940,132
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000	\$443,500		\$1,496,632	\$0				\$1,940,132
	Totals	\$443,500	\$0	\$1,496,632	\$0	\$0.00	\$0.00	\$0	\$1,940,132
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM:

499

SUB-PROGRAM:

512

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2919643 Fiber Optic and Radio Expansion
DEPARTMENT: IT Department
RESPONSIBLE PERSON: IT Department

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

2. Create and sustain a "high performing organization" which means a sense of common purpose, constant improvement throughout the organization, tapping into employee talent and innovation, recognizing leadership at all levels.

DESCRIPTION: This project starts to build a City owned fiber optic network to replace older T1 connectivity and provide more reliable and faster connections with greater redundancy. Fiber optic communication offers faster phone connectivity to allow video conferencing for training sessions as well as provide better coordination for all departments if emergency situations arise. It will also allow the City to offer expanded data services at much faster speeds.

JUSTIFICATION: The City's current network relies on slow 1.5mb T1 lines and multiple AiroNet radio communications that are becoming obsolete. Current radio systems are over 7 years old, no longer supported, and finding repair parts is difficult. By installing fiber optic and using radio as a secondary redundant option, our current speeds would be increased from 20 mbps to 10240 mbps. This would allow other departments to share resources quickly.

IMPACT ON OPERATING BUDGET:

No impact, ongoing computer software maintenance support fee, but that number would be minimal and can be offset by some cutting other support fees. The estimated issuance interest expense for this equipment which would be budgeted in the debt service fund in 2018-2019 is \$5,400, with a projected 10 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$100,000.00	\$217,500.00	\$217,500.00					\$535,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$100,000.00	\$217,500.00	\$217,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$535,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software	\$100,000.00	\$217,500.00	\$217,500.00					\$535,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$100,000.00	\$217,500.00	\$217,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$535,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 513

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2911540 City Hall Battery Backup UPS
DEPARTMENT: Information Systems
RESPONSIBLE PERSON: IT Department

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 2. Create and sustain a "high performing organization" which means a sense of common purpose, constant improvement throughout the organization, tapping into employee talent and innovation, recognizing leadership at all levels.

DESCRIPTION: This project replaces the outdated City computer room UPS (Uninterruptable Power Supply) battery backup system that keeps the network backhaul and critical servers from shutting down or becoming damaged through power fluctuations, brown outs, or complete blackouts.

JUSTIFICATION: All City-wide services, supported by City Hall, are powered through the UPS in the NOC (Network Operations Center) and rely on the UPS to supply a clean source of power to the critical systems. The existing unit is over 15 years old and has had modules replaced to accept additional loads as the network has expanded. The unit's batteries are nearing end of life and a recent failure damaged a switch bank causing \$1800 in damages and downtime.

IMPACT ON OPERATING BUDGET: No impact.
 The estimated issuance interest expense for this equipment which would be budgeted in the debt service fund in 2018 is \$375, with a projected 10 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$15,000.00						\$15,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
Totals		\$0.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software		\$15,000.00						\$15,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$0.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 513

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2913541 Storeroom Pallet Stacker
DEPARTMENT: Public Works-Fleet
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Fleet Work Group
RESPONSIBLE PERSON: Dan Lutz & Jodine Saunders



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Purchase an electric pallet stacker for the storeroom.

JUSTIFICATION:

Due to space restrictions and narrow aisles in the storeroom, stacking pallets on the racks with our forklift is not safe or efficient. A pallet stacker has a smaller foot print and will allow us to navigate the aisles, placing or removing pallets safely and efficiently.

IMPACT ON OPERATING BUDGET:

Vehicle is electric so very little maintenance required, first 3 years under warranty.
 The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$400 in 2018 with a projected 10 years to pay off the equipment.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$16,280.00						\$16,280.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$16,280.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,280.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000		\$16,280.00						\$16,280.00
	Totals	\$0.00	\$16,280.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,280.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 513

CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2902644 Solid Waste Vehicle Storage & Transfer Facility
DEPARTMENT: Public Works/Operations
RESPONSIBLE PERSON: Jodine Saunders

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: In 2017 the City Solid Waste group hired AECOM to do a study on estimated cost and feasibility of the transfer station and equipment housing. Solid waste will move forward in 2017 with design for: a scale, construction of new dock, demo of old dock and a building to house the (3) current tractor trailers. In 2018 these items would be constructed.

JUSTIFICATION: Scale: the solid waste group leaves 2351 Springbrook 3 times a day to transport trash to the landfill with out knowing if we are over weight. We received a warning in 2017 for being over weight from the Wisconsin State Patrol. We need to know that we are not overweight prior to leaving the facility. New Dock to load Trash and Recycling: The current dock is deteriorating and will become unsafe. We do not have a back up dock. Building for (3) Tractor and (3) Trailer: Currently in the cold weather we house the tractor/trailers in a variety of place, one in the cold storage, another in the wash bay and the last in the garage isle way. If we have any event outside of normal working hours everything has to get moved to get truck out of the garage. We also have problems with dead batteries and it is hard on any computer equipment on board.

IMPACT ON OPERATING BUDGET: The amount will be used from the Solid Waste equipment reserve. This will add debt service payment to the solid waste and recycling budgets and decrease overall vehicle reserve amounts. Debt service payments entered below.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$67,443.00	\$69,466.29	\$71,550.28	\$73,696.79	\$75,907.69	\$78,184.92	\$436,248.97

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund	\$200,000.00	\$894,580.00						\$1,094,580.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
Totals		\$200,000.00	\$894,580.00	\$0.00	\$0.00	\$0.00		\$0.00	\$1,094,580.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$188,000.00							\$188,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$12,000.00	\$24,000.00						\$36,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$870,580.00						\$870,580.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$200,000.00	\$894,580.00	\$0.00	\$0.00	\$0.00		\$0.00	\$1,094,580.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499
SUB-PROGRAM: 513

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P2909542 Software

DEPARTMENT: City Manager / Finance and Administrative Services

RESPONSIBLE PERSON: City Manager / Finance and Administrative Services

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 2. Create and sustain a “high performing organization” which means a sense of common purpose, constant improvement throughout the organization, tapping into employee talent and innovation, recognizing leadership at all levels.

DESCRIPTION: To purchase a new time management software system.
 To purchase a new Assessment software system.

JUSTIFICATION: In order to manage payroll in a more efficient and effective manner, a time record management system is necessary. This will cut down on the number of errors related to the manual calculations of many unique payroll issues. The assessment software is necessary in order to provide a total reevaluation of all City of Beloit properties. The current software is cumbersome, not user friendly, and not reliable.

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this equipment which would be budgeted in the debt service fund in 2018 is \$12,500, with a projected 10 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt		\$500,000.00						\$500,000.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software		\$500,000.00						\$500,000.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 499

SUB-PROGRAM: 513

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2304199 Sanitary Sewer Repair & Maintenance
DEPARTMENT: Public Works - Water Resources Division
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos
RESPONSIBLE PERSON: Harry Mathos



PROJECT STATUS:

One Time Project or Item
 Multi-Year Project or Item
 Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.
5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Repair of sanitary sewer collection system, including cured-in-place-pipe (CIPP) lining of mains, grouting, manhole repair/reconstruction, etc. Extend through 2023. There remains around 100 miles of non-PVC sewer main to reline, so this rate of relining would project completion within 50 years.

JUSTIFICATION:

Aged pipes and manholes in danger of collapse, causing sewer blockages, street damage, etc. Same facilities are source of excessive inflow and infiltration (I&I) which causes wasted lift station pumping energy and wastewater treatment costs.

IMPACT ON OPERATING BUDGET:

The long-term upgrades could help reduce the operating budget impact by (urgent/emergency maintenance).
 The projects will be funded from the Wastewater fund operating budget and will impact that budget annually.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$134,000.00	\$138,000.00	\$141,000.00	\$145,000.00	\$149,000.00	\$154,000.00	\$861,000.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
455901	Operating Budget	\$302,183.00	\$534,000.00	\$495,000.00	\$511,000.00	\$526,000.00	\$542,000.00	\$558,000.00	\$3,468,183.00
4501	Other								\$0.00
Totals		\$302,183.00	\$534,000.00	\$495,000.00	\$511,000.00	\$526,000.00	\$542,000.00	\$558,000.00	\$3,468,183.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$12,000.00	\$14,000.00	\$16,000.00	\$18,000.00	\$20,000.00	\$22,000.00	\$24,000.00	\$126,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer	\$290,183.00	\$520,000.00	\$479,000.00	\$493,000.00	\$506,000.00	\$520,000.00	\$534,000.00	\$3,342,183.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$302,183.00	\$534,000.00	\$495,000.00	\$511,000.00	\$526,000.00	\$542,000.00	\$558,000.00	\$3,468,183.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2305649 Lift Station Pumping Equipment Upgrades
DEPARTMENT: Public Works - Water Resources Division
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos
RESPONSIBLE PERSON: Harry Mathos

One Time Project or Item
 Multi-Year Project or Item
 Yearly Project or Item

PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Riverside Liftstation (LS) wet well rehab and hydrogen sulfide control equipment, Northwest LS wet well wet well rehab and pump replacement, Shirland Avenue LS pump replacement and Turtle Creek LS wet well rehab. Including on-site generators for emergency power.

JUSTIFICATION: These wastewater pumping stations were typically designed for peak flow conditions. Variable speed drive motor controllers improve lower speed and output efficiencies some, but even more energy savings can be obtained by downsizing select pumps.

IMPACT ON OPERATING BUDGET: Should see energy savings on the order of 10 percent of the project cost.
 The estimated issuance interest expense for this project, which is budgeted in the Wastewater fund is \$109,750 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	-\$2,500.00	-\$3,000.00	-\$3,500.00	-\$4,000.00	-\$4,500.00	-\$5,000.00	-\$22,500.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget	\$99,000.00	\$878,000.00						\$977,000.00
4501	Other								\$0.00
Totals		\$99,000.00	\$878,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$977,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$9,900.00	\$79,000.00						\$88,900.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$89,100.00	\$799,000.00						\$888,100.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$99,000.00	\$878,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$977,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2311544 WPCF Portable Emergency Generator

DEPARTMENT: Public Works

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos - Water Resources

RESPONSIBLE PERSON: Harry Mathos

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Purchase 200 kW portable emergency generator to enhance current fleet. This should include adequate sizing for larger water wells and wastewater pumpstation and include all necessary ancillary connections.

JUSTIFICATION:

The Water Resources Division has nineteen water wells and pumpstations that in the event of a catastrophic disaster, would require portable power for operation. The current fleet has inadequate capabilities at this time.

IMPACT ON OPERATING BUDGET:

The estimated issuance interest expense for this equipment, which is budgeted in the Wastewater fund is \$34,375 with a projected 20 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$100.00	\$150.00	\$200.00	\$300.00	\$500.00	\$1,250.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$275,000.00						\$275,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$275,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$275,000.00						\$275,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$275,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2310545 Clarifier Repair and Upgrades
DEPARTMENT: Public Works
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos - Water Resources
RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Repair and upgrade one primary clarifier and three secondary clarifiers.

JUSTIFICATION:

Each clarifier and its appurtenances are over 25 years old and are reaching the end of their service life. The clarifiers are an integral part of the wastewater treatment facility and are critical to maintaining permit compliance.

IMPACT ON OPERATING BUDGET:

Minor annual maintenance costs.
 The projects will be funded from the wastewater fund operating budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$100.00	\$150.00	\$200.00	\$300.00	\$500.00	\$1,250.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget		\$150,000.00	\$155,000.00	\$159,000.00	\$164,000.00			\$628,000.00
4501	Other								\$0.00
	Totals	\$0.00	\$150,000.00	\$155,000.00	\$159,000.00	\$164,000.00	\$0.00	\$0.00	\$628,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00			\$32,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$142,000.00	\$147,000.00	\$151,000.00	\$156,000.00			\$596,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$150,000.00	\$155,000.00	\$159,000.00	\$164,000.00	\$0.00	\$0.00	\$628,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2310546 WPCF Anaerobic Digester Mixing

DEPARTMENT: Public Works - Water Resources Division

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Harry Mathos

RESPONSIBLE PERSON: Harry Mathos



PROJECT STATUS:

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Install current technology mixing system to replace aging gas mixing system and equipment.

JUSTIFICATION: The current system is 25 year old technology that is expensive to maintain and inefficient. Installing updated equipment will enhance mixing and allow for future sustainable projects such as community digestion or co-generation of energy.

IMPACT ON OPERATING BUDGET: Minor preventive maintenance cost over the life of equipment.
The estimated issuance interest expense for this project, which is budgeted in the Wastewater fund is \$284,500 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$1,000.00	\$1,300.00	\$1,600.00	\$2,000.00	\$5,900.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$2,276,000.00						\$2,276,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals		\$0.00	\$2,276,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,276,000.00
			Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$242,000.00						\$242,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$200,000.00						\$200,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$1,834,000.00						\$1,834,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$2,276,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,276,000.00
			Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2303547 WPCF Roadway Resurfacing

DEPARTMENT: Public Works - Water Resources Division

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Harry Mathos

RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Resurface roadways at wastewater treatment facility.

JUSTIFICATION: Facilities roadways were scheduled for resurfacing in 2015 but funding was re-allocated for the 202 Shirland Avenue restoration project.

IMPACT ON OPERATING BUDGET: Regular resurfacing should prevent larger capital outlay due to neglect.
The estimated issuance interest expense for this project, which is budgeted in the Wastewater fund is \$28,875 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL	
4900	GO Debt								\$0.00	
4031	TID Financing								\$0.00	
490007	Utility Revenue Bond		\$231,000.00						\$231,000.00	
4999	Fund Balance								\$0.00	
4999	Equipment Fund								\$0.00	
4430	Spcl Assessments								\$0.00	
4330	State/Federal Funds								\$0.00	
4500	Operating Budget								\$0.00	
4501	Other								\$0.00	
	Totals		\$0.00	\$231,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$231,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL	
5240	Professional Svcs								\$0.00	
5240	Real Estate Svcs								\$0.00	
5258	In-house Design/Eng		\$21,000.00						\$21,000.00	
5510	Land Acq/Relocate								\$0.00	
5511	Construction Costs		\$210,000.00						\$210,000.00	
5533	Vehicle/Eq/Software								\$0.00	
5514	Roadway Const-Streets								\$0.00	
5516	Demolition & Site Prep								\$0.00	
5519	Sidewalks								\$0.00	
5522	Storm Sewer System								\$0.00	
5523	Sanitary Sewer								\$0.00	
5525	Water Utility								\$0.00	
5531	Vehicle - over \$1,000								\$0.00	
	Totals		\$0.00	\$231,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$231,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 504

**CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2309548 WPCF Storage Building Addition
DEPARTMENT: Public Works
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos - Water Resources
RESPONSIBLE PERSON: Harry Mathos



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Construct a 40 foot by 60 foot addition to the cold storage building at the wastewater treatment facility.

JUSTIFICATION: Current storage space is inadequate for current and future needs. Of particular concern is sensitive equipment such as emergency generators, spare pumps and motor/programmable logic control centers.

IMPACT ON OPERATING BUDGET: Sheltered equipment has an improved shelf life and less prone to failures.
 The 2018 project will be funded from the wastewater fund operating budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget		\$120,000.00						\$120,000.00
4501	Other								\$0.00
	Totals		\$0.00	\$120,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$10,000.00						\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$110,000.00						\$110,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$120,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 504

**CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2304549 Sanitary Sewer Relocation for I39/90

DEPARTMENT: Public Works/ Engineering

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project relocates the sanitary sewer on the east and west side of I 39/90 north of I 43.

JUSTIFICATION: The configuration of the new widened interstate place the existing manholes I the traveled way and must be relocated outside of the new right of way. Department of Transportation will pay as compensable relocation costs.

IMPACT ON OPERATING BUDGET: No impact on operating budget. Project will be funded through Department of Transportation.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds		\$610,100.00						\$610,100.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals		\$0.00	\$610,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$610,100.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$71,100.00						\$71,100.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$10,000.00						\$10,000.00
5510	Land Acq/Relocate		\$40,000.00						\$40,000.00
5511	Construction Costs		\$489,000.00						\$489,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$610,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$610,100.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: WPCF Effluent Phosphorus Reduction Upgrade
DEPARTMENT: Public Works - Water Resources Division
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos
RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS: One time project or item Multi-year project or item Yearly project or item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Install/construct infrastructure to reduce effluent phosphorus levels to meet Total Maximum Daily Load criteria set by the WI DNR.

JUSTIFICATION:

The WI DNR has established new criteria by issuing a Total Maximum Daily Load (TMDL) for effluent phosphorus. The TMDL will lower our effluent limit from 2.0 mg/L to 0.20 mg/L. The current biological process will not be able to meet such a limit therefore we will need to upgrade with additional treatment systems to meet new limit in 2024.

IMPACT ON OPERATING BUDGET:

Minor preventive maintenance cost over the life of equipment.
 The estimated issuance interest expense for this project, which is budgeted in the Water fund in 2019 is \$63,575 and with a projected 20 years to pay off the project.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$1,000.00	\$1,300.00	\$1,600.00	\$2,000.00	\$5,900.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
455901	Operating Budget	\$483,000.00		\$492,500.00	\$2,543,000.00				\$3,518,500.00
4501	Other								\$0.00
	Totals	\$483,000.00	\$0.00	\$492,500.00	\$2,543,000.00	\$0.00	\$0.00	\$0.00	\$3,518,500.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$100,000.00		\$50,000.00	\$125,000.00				\$275,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$21,000.00		\$10,000.00	\$25,000.00				\$56,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs	\$362,000.00		\$432,500.00	\$2,393,000.00				\$3,187,500.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$483,000.00	\$0.00	\$492,500.00	\$2,543,000.00	\$0.00	\$0.00	\$0.00	\$3,518,500.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: WPCF Aeration System Medium Voltage Drive

DEPARTMENT: Public Works - Water Resources Division

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos

RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS:	<input checked="" type="checkbox"/>	One Time Project or Item	<input type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Install new medium voltage variable speed drive for aeration blower #3.

JUSTIFICATION: In 2011 we piloted a beta version and purchased the unit after a successful trial period. Another unit would be dedicated to blower #3 and incorporated into the automatic control system providing energy savings and enhanced operational control.

IMPACT ON OPERATING BUDGET: Significant energy savings can be realized by replacing current direct-drive system. The 2019 project will be funded from the wastewater fund operating budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	-\$500.00	-\$550.00	-\$600.00	-\$650.00	-\$700.00	-\$3,000.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spel Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget			\$240,000.00					\$240,000.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$240,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$240,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$24,000.00					\$24,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$216,000.00					\$216,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$240,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$240,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: Turtle Creek Pump Station Roadway Resurfacing

DEPARTMENT: Public Works - Water Resources Division

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Harry Mathos

RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS:	X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Resurface roadways at Turtle Creek Pump Station facility.

JUSTIFICATION: Facilities roadways are 25 years old and in need of repair.

IMPACT ON OPERATING BUDGET: Regular resurfacing should prevent larger capital outlay due to neglect. This project will impact the operating budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget			\$77,000.00					\$77,000.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$77,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$77,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$7,000.00					\$7,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$70,000.00					\$70,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$77,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$77,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: Northwest Interceptor Splitter Box Construction and Slip Lining
DEPARTMENT: Public Works - Water Resources Division
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos
RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS:

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Construct in-line splitter box manhole and slip line 60 inch siphon under the Rock River.

JUSTIFICATION: As we continue to remove more infiltration and inflow from the system the deposition of solids and subsequent hydrogen sulfide gas generation eventually corrodes the top half of the pipe. This corrosion will destroy the integrity of the pipe causing leaks and possible collapse.

IMPACT ON OPERATING BUDGET: This project will help minimize long-term liability and prevent unanticipated emergency expenditures. The project in 2020 will be funded from the Wastewater fund operating budget and will impact that budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
REVENUE DATA:							

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget			\$300,000.00					\$300,000.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$50,000.00				\$50,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer			\$250,000.00					\$250,000.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: Hypochlorite Tank Replacement

DEPARTMENT: Public Works - Water Resources Division

RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS:	X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Replace two sodium hypochlorite storage tanks in disinfection building at WPCF.

JUSTIFICATION: Corrosive chlorine solution has degraded tanks causing leaks and general failure.

IMPACT ON OPERATING BUDGET: Minor savings from not having to repair leaks.
Directly impacts Wastewater fund operating budget because it only is done if funding is available in operating budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget				\$115,000.00				\$115,000.00
4501	Other								\$0.00
Totals		\$0.00	\$0.00	\$0.00	\$115,000.00	\$0.00	\$0.00	\$0.00	\$115,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng				\$10,000.00				\$10,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs				\$105,000.00				\$105,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$0.00	\$0.00	\$0.00	\$115,000.00	\$0.00	\$0.00	\$0.00	\$115,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 504

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2605472 Well Pumping Equipment
DEPARTMENT: Public Works - Water Resources Division
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos/Mike Tinder
RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Replace water well and booster station pumping equipment, including pumps, motors, switchgear, control equipment, etc.

JUSTIFICATION:

Water station pumping equipment requires periodic replacement as it reaches its service life. There are currently twelve pumping stations; Nominally two stations per year should be upgraded to ensure system reliability, code compliance, etc.

IMPACT ON OPERATING BUDGET:

Other than funding from operating budget, projects would tend to keep operating budget stable, with improved efficiencies offsetting energy cost increases.
 In 2018 the estimated issuance interest expense for this project, which is budgeted in the Water Utility fund is \$13,500 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$1,500.00	\$1,600.00	\$1,700.00	\$1,800.00	\$1,900.00	\$2,000.00	\$10,500.00

REVENUE DATA:

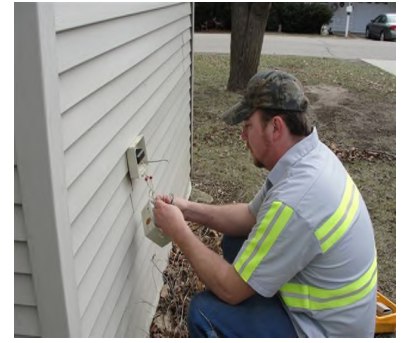
Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$108,000.00						\$108,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
455901	Operating Budget	\$36,225.00		\$111,000.00	\$114,000.00	\$117,000.00	\$120,000.00	\$123,000.00	\$621,225.00
4501	Other								\$0.00
	Totals	\$36,225.00	\$108,000.00	\$111,000.00	\$114,000.00	\$117,000.00	\$120,000.00	\$123,000.00	\$729,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
314	Wells and Springs								\$0.00
321	Structures & Improvements								\$0.00
325	Electric Pumping Equipment	\$36,225.00	\$108,000.00	\$111,000.00	\$114,000.00	\$117,000.00	\$120,000.00	\$123,000.00	\$729,225.00
332	Treatment								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$36,225.00	\$108,000.00	\$111,000.00	\$114,000.00	\$117,000.00	\$120,000.00	\$123,000.00	\$729,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2605634 Water Meter FlexNet Transmitters
DEPARTMENT: Public Works - Water Resources Division
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM
 Harry Mathos/Mike Tinder
RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Annually purchase 2000 Sensus FlexNet water meter transmitters through 2018.

JUSTIFICATION:

In 2011 the Sensus water meter reading system was upgraded to incorporate the current FlexNet technology. Accelerated replacement schedule to 100% FlexNet system will minimize data loss and enhance recovery, if necessary.

IMPACT ON OPERATING BUDGET:

In 2018 the estimated issuance interest expense for this equipment, which is budgeted in the Water Utility fund is \$187,500 with a projected 20 years to pay off the equipment.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$150.00	\$200.00	\$250.00	\$300.00	\$350.00	\$400.00	\$1,650.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$1,500,000.00						\$1,500,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
455901	Operating Budget	\$36,225.00							\$36,225.00
4501	Other								\$0.00
Totals		\$36,225.00	\$1,500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,536,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

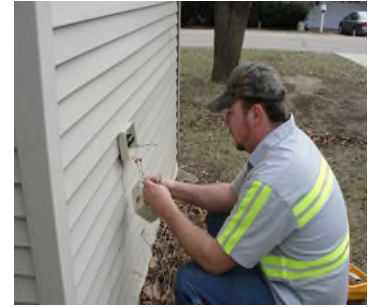
EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility	\$36,225.00	\$1,500,000.00						\$1,536,225.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$36,225.00	\$1,500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,536,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2605587 Water Meter Replacement
DEPARTMENT: Public Works - Water Resources Division
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos/Mike Tinder
RESPONSIBLE PERSON: Harry Mathos



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Replace all current water meters that exceed newly enacted lead limit levels.
 We have approximately 12,000 meters in the system that do not meet the new 2014 No Lead standard.
 We anticipate purchasing/replacing 1000 meters per year. • Each 5/8" meter costs \$115 for a total of \$115,000 per year.
 Note this only includes 5/8" residential meters. There are another 749 larger meters within the system some with a significantly higher cost.
 Additional extra personnel will be hired to finish the program.

JUSTIFICATION: On January 4, 2011 the Reduction of Lead in Drinking Water Act was signed in to law. This rule prohibits public utilities from installing plumbing fixtures (meters) that do not meet the new standard. Also, it prohibits any current meters not in compliance to be re-installed if removed.

IMPACT ON OPERATING BUDGET: In 2018 the estimated issuance interest expense for this project, which is budgeted in the Water Utility fund is \$99,750 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$798,000.00						\$798,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
455901	Operating Budget	\$36,225.00							\$36,225.00
4501	Other								\$0.00
	Totals	\$36,225.00	\$798,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$834,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility	\$36,225.00	\$798,000.00						\$834,225.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$36,225.00	\$798,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$834,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 505

**CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: Sub-Six Inch Water Main Replacement

DEPARTMENT: Public Works - Water Resources Division

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Harry Mathos

RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS:

<input type="checkbox"/>	One Time Project or Item	<input checked="" type="checkbox"/>	Multi-Year Project or Item	<input type="checkbox"/>	Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Beloit has an estimated 15,632 feet of 4-inch size main that should be replaced to 6-inch or greater. Most is scattered within the south-central side of the City where mains are generally older than 75 years.

JUSTIFICATION: Some of the undersized water mains serve fire hydrants. WI NR 811.70(5) requires that the minimum diameter of a water main serving fire hydrants to be 6 inches. The WI DNR is requiring the utility to have a plan in place to replace the mains.

IMPACT ON OPERATING BUDGET: Pending rate study should provide guidance to minimize impact to operating budget. This amount will also be reduced if we only replace mains serving fire hydrants.
In 2018 the estimated issuance interest expense for this project, which is budgeted in the Water Utility fund is \$52,250 with a projected 20 years to pay off the project.
The projects will be funded from the water utility fund operating budget in 2019-2023.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$418,000.00						\$418,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget			\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$2,090,000.00
4501	Other								\$0.00
	Totals	\$0.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$2,508,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$38,000.00	\$38,000.00	\$38,000.00	\$38,000.00	\$38,000.00	\$38,000.00	\$228,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility		\$380,000.00	\$380,000.00	\$380,000.00	\$380,000.00	\$380,000.00	\$380,000.00	\$2,280,000.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$418,000.00	\$2,508,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2605650 Shore Drive Water Main and Road Reconstruction

DEPARTMENT: Public Works - Water Resources Division & Engineering

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Harry Mathos and Mike Flesch

RESPONSIBLE PERSON: Harry Mathos and Mike Flesch

	X	
One Time Project or Item	Multi-Year Project or Item	Yearly Project or Item

PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Install 3750 feet of 12-inch water main along Shore Drive and Dawson. The roads will be reconstructed due to the water main work.

JUSTIFICATION:

Water main replacement/extension is required to supply sufficient water for future Burton Booster Station.

IMPACT ON OPERATING BUDGET:

In 2018 the estimated issuance interest expense for this project, which is budgeted in the Water Utility fund is \$102,500 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$6,000.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$820,000.00						\$820,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget	\$58,000.00							\$58,000.00
4501	Other TOB	\$22,000.00							\$22,000.00
	Totals	\$80,000.00	\$820,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$900,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$80,000.00							\$80,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$87,850.00						\$87,850.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets		\$344,100.00						\$344,100.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility		\$388,050.00						\$388,050.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$80,000.00	\$820,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$900,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2605551 Ute Water Main Improvements

DEPARTMENT: Public Works

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos - Water Resources

RESPONSIBLE PERSON: Harry Mathos



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

#1. Create and sustain safe and healthy neighborhoods.

#5. Create and sustain high quality infrastructure and connectivity.

DESCRIPTION: Remove approximately 2,000 linear feet of existing water main and replace with new 10-inch diameter water main.

JUSTIFICATION: The existing pipe network in the NW corner of the Ute Pressure Zone is primarily composed of 6-inch mains constructed in the 1960s. The size and condition of these mains significantly limit fire flow due to high head loss.

IMPACT ON OPERATING BUDGET: Significant initial outlay then minimal costs thereafter.

In 2018 the estimated issuance interest expense for this project, which is budgeted in the Water Utility fund is \$65,000 with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond		\$520,000.00						\$520,000.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$520,000.00						\$520,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$40,000.00						\$40,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$480,000.00						\$480,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$520,000.00						\$520,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2605552 Water Lead Service Replacement Program
DEPARTMENT: Public Works
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos - Water Resources
RESPONSIBLE PERSON: Harry Mathos



PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S):
 #1. Create and sustain safe and healthy neighborhoods.
 #5. Create and sustain high quality infrastructure and connectivity.

DESCRIPTION: Create funding source to offer low interest and no interest loans and grants to low income families.

JUSTIFICATION: Language contained in WI Assembly Bill 78 and WI Senate Bill 48 states "that it is not unjust, unreasonable, insufficient, unfairly discriminatory, or preferential or otherwise unreasonable or unlawful for a water public utility to provide financial assistance . . ." The utility has a moral responsibility to assure safe drinking water is available for all citizens equally.

IMPACT ON OPERATING BUDGET: Significant impact on an annual basis.
 The projects will be funded through special assessments.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4900	GO Debt - Sanitary Sewer								\$0.00
4900	GO Debt - Storm Sewer								\$0.00
4900	GO Debt - Water Utility								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spl Assessments		\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$600,000.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals		\$0.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$600,000.00
			Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$600,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$600,000.00
			Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 505

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: Replace Well House #8 Structure

DEPARTMENT: Public Works - Water Resources Division

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Harry Mathos

RESPONSIBLE PERSON: Harry Mathos



PROJECT STATUS:

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: The well house is of concern and future replacement is warranted. The building has two levels, including chemical injection below grade. Access to the lower level is by ladder making maintenance difficult and adding a safety concern. Additionally, the lower level is considered a confined space aggravating safety concerns.

JUSTIFICATION: The existing structure is 71 years old and in fair to poor condition. The well contributes nearly 12% of the total daily flow and its structural integrity is critical to system operation.

IMPACT ON OPERATING BUDGET: This project will be funded from the water utility fund operating budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

<i>Object</i>	<i>Funding Sources</i>	<i>Prior Adopted</i>	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget			\$875,000.00					\$875,000.00
4501	Other								\$0.00
	<i>Totals</i>	\$0.00	\$0.00	\$875,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$875,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

<i>Object</i>	<i>Outlay Type</i>	<i>Prior Adopted</i>	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs			\$75,000.00					\$75,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$50,000.00					\$50,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs			\$750,000.00					\$750,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	<i>Totals</i>	\$0.00	\$0.00	\$875,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$875,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2605540 Traverse City Hydrant Replacement

DEPARTMENT: Public Works - Water Resources Division

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Harry Mathos/Mike Tinder

RESPONSIBLE PERSON: Harry Mathos

PROJECT STATUS:	<input type="checkbox"/> One Time Project or Item	<input type="checkbox"/> Multi-Year Project or Item	<input checked="" type="checkbox"/> Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Replace the 113 Traverse City hydrants currently in the public water supply system over a period of 8 years (approximately 15 per year).

JUSTIFICATION: The old Traverse City hydrants operate with great difficulty, if at all. Poses a risk to general operations as well as fire fighting situations.

IMPACT ON OPERATING BUDGET: After installation, no net impact on operating budget. These projects would be funded from the Water Utility fund operating budget in 2018 - 2021 and would impact that budget annually.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
455901	Operating Budget	\$36,225.00		\$47,000.00	\$49,000.00	\$51,000.00			\$183,225.00
4501	Other								\$0.00
Totals		\$36,225.00	\$0.00	\$47,000.00	\$49,000.00	\$51,000.00	\$0.00	\$0.00	\$183,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
	314 Wells and Springs								\$0.00
	345 Services								\$0.00
	349 Hydrants	\$36,225.00		\$47,000.00	\$49,000.00	\$51,000.00			\$183,225.00
	392 Transportation Equipment								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
Totals		\$36,225.00	\$0.00	\$47,000.00	\$49,000.00	\$51,000.00	\$0.00	\$0.00	\$183,225.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: East Side Neighborhood Initiative Water Main

DEPARTMENT: Public Works - Engineering

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS:

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will continue to reconstruct deteriorated streets in the target neighborhood on the east side. Water main will be upgraded as needed new pavement and curb and gutter will be installed, decorative street lighting will be added. Emerson from Church to Milwaukee Rd is scheduled for 2020.

JUSTIFICATION: This project is part of the neighborhood redevelopment plan. The streets are in need of repair.

IMPACT ON OPERATING BUDGET: \$200,000 will come from Water Utility Operating budget. Directly impacts Water fund operating budget because it only is done if funding is available in operating budget.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget				\$200,000.00				\$200,000.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility				\$200,000.00				\$200,000.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 505

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2710553 Krueger Storm Pond Liner Repair
DEPARTMENT: Public Works - Water Resources Division
RESPONSIBLE PERSON: Harry Mathos

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Remove and replace part of the clay liner on two of the ponds at Krueger-Haskell Golf Course.

JUSTIFICATION:

The two ponds have had issues with leaking water since they were built. The leaks are most likely due to winter construction and bedrock. Replacing the liner during warm weather should allow for much better compaction and sealing of the clay liner.

IMPACT ON OPERATING BUDGET:

Replacing the liner will have a small budget savings due to ongoing attempts to seal the existing liner. Annual savings approximately \$400. This project would be funded from the storm water utility operating budget.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	-\$400.00	-\$400.00	-\$400.00	-\$400.00	-\$400.00	-\$400.00	-\$2,400.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget		\$75,000.00						\$75,000.00
4501	Other								\$0.00
	Totals	\$0.00	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$7,500.00						\$7,500.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$67,500.00						\$67,500.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199
SUB-PROGRAM: 506

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P2710554 Storm Sewer Improvements

DEPARTMENT: Public Works/Engineering

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Mike Flesch/Bill Frisbee

RESPONSIBLE PERSON: Mike Flesch/Bill Frisbee

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S). 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project is for improving the storm water system and making repairs to the existing system.

JUSTIFICATION: Required by the DNR - Department of Natural Resources Storm Water Discharge Permit.

IMPACT ON OPERATING BUDGET: Minor system expansion and improvements that will not impact operations. These projects would be funded from the Storm Water Utility fund operating budget.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget		\$54,697.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$304,697.00
4501	Other								\$0.00
	Totals		\$0.00	\$54,697.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$304,697.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs								\$0.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng								\$0.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System		\$54,697.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$304,697.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals		\$0.00	\$54,697.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$304,697.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 199

SUB-PROGRAM: 506

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P2967520: Property Acquisition/ Code Enforcement-Demolition / Rehabilitation
DEPARTMENT: Community Development
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Julie Christensen
RESPONSIBLE PERSON: Julie Christensen

	One Time Project or Item		Multi-Year Project or Item	X	Yearly Project or Item
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PROJECT STATUS:
CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

1. Create and sustain safe and healthy neighborhoods.

DESCRIPTION:

Purchase tax foreclosure properties for defensive purposes to ensure that these houses do not negatively impact our neighborhoods.
 Fund the demolition of condemned properties which are not demolished by the owner in the required 30 days.
 Provide the local match for HOME-funded purchase-rehab projects.

JUSTIFICATION:

The Housing Incentive Policy, which was adopted by the City Council, identifies as an activity the purchase of foreclosed properties from Rock County. Also, during the year, properties often become available for sale which are detrimental to our neighborhoods. It is in the best interest of the City to make these defensive purchases. It is also important to reduce the number of unsafe structures in the City of Beloit. The proposed activities to be funded help stabilize our neighborhoods.

IMPACT ON OPERATING BUDGET:

Acquisition and probable demolition of the houses will aid in blight reduction and reduce the number of negative neighborhood issues which normally arise where there are blighted or vacant structures. This will also help bring up the average value of the remaining housing stock in these areas. The drawback is that the assessment will decrease after the demolition. Using the funds to meet the local match requirement helps increase the value of the property, thus increasing the City's tax base. The estimated issuance interest expense for this project is \$7,500 in 2018-2023, with a projected 20 years to pay off each project.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt	\$220,000.00	\$220,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$1,940,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$220,000.00	\$220,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$1,940,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$45,000.00	\$45,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00	\$465,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$35,000.00
5510	Land Acq/Relocate	\$170,000.00	\$170,000.00	\$220,000.00	\$220,000.00	\$220,000.00	\$220,000.00	\$220,000.00	\$1,440,000.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$220,000.00	\$220,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$300,000.00	\$1,940,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 299
SUB-PROGRAM: 508

CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: Milwaukee Road Bike Pedestrian Path and Lighting
DEPARTMENT: Public Works/Engineering
PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM Public Works Engineering
RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).
 1. Create and sustain safe and healthy neighborhoods.
 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Construction of an off road bike/pedestrian path along the south side of Milwaukee Road from White Ave to Lee Lane. Requires removing part of South lane of Milwaukee Road to get over the Rail Road and Turtle Creek. Includes a barrier between traffic and the path on the bridge. Decorative Street lighting will be added to the corridor and street trees will be planted in the new terrace between the path and curb. The rail crossing will be improved.

JUSTIFICATION: Provides a safe route for school children to get to the new intermediate school and provides connectivity for bike and pedestrians to the older parts of the City and the center of commerce at the east end of Milwaukee Road.

IMPACT ON OPERATING BUDGET: The estimated issuance interest expense for this in 2019 is \$10,500 and in 2020 is 40,425, with a projected 20 years to pay off the project.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt			\$420,000.00	\$1,617,000.00				\$2,037,000.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance								\$0.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$0.00	\$420,000.00	\$1,617,000.00	\$0.00	\$0.00	\$0.00	\$2,037,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs			\$300,000.00					\$300,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng			\$120,000.00					\$120,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets				\$1,617,000.00				\$1,617,000.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$0.00	\$420,000.00	\$1,617,000.00	\$0.00	\$0.00	\$0.00	\$2,037,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 299
SUB-PROGRAM: 508

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P5009555 Gateway Detention Basin "A" Grading

DEPARTMENT: Public Works

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering Division

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: The detention basin along Gateway Boulevard and across from Kettle Way will be graded and trees removed to allow for proper drainage.

JUSTIFICATION: This detention basin does not drain properly and has not been maintained due to the wet conditions.

IMPACT ON OPERATING BUDGET: Negligible impact to the operating budget.
Will directly impact operating budget by using TIF fund balance to finance projects.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance		\$225,000.00						\$225,000.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$225,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$225,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$5,000.00						\$5,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$20,000.00						\$20,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$200,000.00						\$200,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$225,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$225,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 299

SUB-PROGRAM: 605

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**



PROJECT TITLE: P5009556 South Gateway Boulevard Water Main Extension
DEPARTMENT: Public Works - Water Resources Division
RESPONSIBLE PERSON: Harry Mathos

X	One Time Project or Item		Multi-Year Project or Item		Yearly Project or Item
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PROJECT STATUS:

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S).

5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION:

Install 3000 feet of water main along Gateway Boulevard from Kettle Way south to state line. Includes pressure reducing valve (PRV) station and connections for potential wholesale metering station for the South Beloit water system.

JUSTIFICATION:

Water main extension and PRV station are required to complete backbone water main system in southern part of Gateway industrial park. PRV station required for transition back down from elevated Gateway zone to main pressure zone. This main loop provides for support of the South Beloit water system east of I-90.

IMPACT ON OPERATING BUDGET:

The Water Utility operating budget would have minor heating and maintenance costs of PRV station; \$1000 annually. Will directly impact operating budget by using TIF fund balance to finance projects.

OPERATING MAINTENANCE BUDGET PROJECTIONS:

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
	\$1,000.00	\$1,030.00	\$1,060.00	\$1,090.00	\$1,120.00	\$1,160.00	\$6,460.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted						GRAND TOTAL
			2018	2019	2020	2021	2022	
4900	GO Debt							\$0.00
4031	TID Financing							\$0.00
490007	Utility Revenue Bond							\$0.00
4999	Fund Balance		\$602,500.00					\$602,500.00
4999	Equipment Fund							\$0.00
4430	Spcl Assessments							\$0.00
4330	State/Federal Funds							\$0.00
4500	Operating Budget							\$0.00
4501	Other							\$0.00
	Totals	\$0.00	\$602,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$602,500.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted						GRAND TOTAL
			2018	2019	2020	2021	2022	
5240	Professional Svcs		\$25,000.00					\$25,000.00
5240	Real Estate Svcs							\$0.00
5258	In-house Design/Eng		\$52,500.00					\$52,500.00
5510	Land Acq/Relocate							\$0.00
5511	Construction Costs		\$525,000.00					\$525,000.00
5533	Vehicle/Eq/Software							\$0.00
5514	Roadway Const-Streets							\$0.00
5516	Demolition & Site Prep							\$0.00
5519	Sidewalks							\$0.00
5522	Storm Sewer System							\$0.00
5523	Sanitary Sewer							\$0.00
5525	Water Utility							\$0.00
5531	Vehicle - over \$1,000							\$0.00
	Totals	\$0.00	\$602,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$602,500.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 299
SUB-PROGRAM: 605

**CITY OF BELOIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST**

PROJECT TITLE: P5009557 Gateway Sewer and Water Extension Townhall to Hart

DEPARTMENT: Public Works

PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Engineering Division

RESPONSIBLE PERSON: Mike Flesch

PROJECT STATUS: One Time Project or Item Multi-Year Project or Item Yearly Project or Item

CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: This project will install sanitary sewer and drinking water from Townhall Rd to Hart Road.

JUSTIFICATION: The TIF is expiring in the fall of 2018 and this public infrastructure is beneficial for future economic development in this area. Having sewer and water installed will promote development of this corridor.

IMPACT ON OPERATING BUDGET: Negligible impact to the operating budget.
Will directly impact operating budget by using TIF fund balance to finance projects.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

REVENUE DATA:

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing								\$0.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance		\$1,207,000.00						\$1,207,000.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4500	Operating Budget								\$0.00
4501	Other								\$0.00
	Totals	\$0.00	\$1,207,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,207,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

EXPENDITURE DATA:

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs		\$15,000.00						\$15,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng		\$132,000.00						\$132,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs		\$1,060,000.00						\$1,060,000.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets								\$0.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$0.00	\$1,207,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,207,000.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 299

SUB-PROGRAM: 605

CITY OF БЕЛОIT
2018 - 2023 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

PROJECT TITLE: P5321607 Milwaukee Road Gateway Corridor Improvement
DEPARTMENT: Economic Development/Public Works



PERSON AND/OR GROUP REQUESTING PROJECT OR ITEM: Vision Beloit's First Impressions Committee and the I-90 Business Connection
RESPONSIBLE PERSON: Andrew Janke/Mike Flesch

PROJECT STATUS:	One Time Project or Item	X	Multi-Year Project or Item	Yearly Project or Item
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CIP PROJECT ACCOMPLISHES COUNCIL GOAL(S): 5. Create and sustain high quality infrastructure and connectivity; including roads, bridges, streets, sidewalks, bike paths and fiber optics. Maintain city facilities and plan for future needs.

DESCRIPTION: Improvements will include signal upgrades to coordinate the corridor and new median sign in 2019.

JUSTIFICATION: The Milwaukee Road Corridor is the primary entrance into the City of Beloit and provides visitors with their impression of the City. Although not considered blighted it fails to leave the same impression that other areas of the City do. In 2011, staff and citizens completed a plan that provided a series of recommendations for improving pedestrian access, lighting, landscaping and signage. This will construct the plan's vision.

IMPACT ON OPERATING BUDGET: Will directly impact operating budget by using TIF fund balance to finance projects.

	2018	2019	2020	2021	2022	2023	GRAND TOTAL
OPERATING MAINTENANCE BUDGET PROJECTIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Object	Funding Sources	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
4900	GO Debt								\$0.00
4031	TID Financing	\$1,092,183.00							\$1,092,183.00
490007	Utility Revenue Bond								\$0.00
4999	Fund Balance	\$2,394,000.00		\$1,300,000.00					\$3,694,000.00
4999	Equipment Fund								\$0.00
4430	Spcl Assessments								\$0.00
4330	State/Federal Funds								\$0.00
4999	Operating Budget	\$220,000.00							\$220,000.00
4501	Other								\$0.00
	Totals	\$3,706,183.00	\$0.00	\$1,300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,006,183.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

Object	Outlay Type	Prior Adopted	2018	2019	2020	2021	2022	2023	GRAND TOTAL
5240	Professional Svcs	\$222,000.00							\$222,000.00
5240	Real Estate Svcs								\$0.00
5258	In-house Design/Eng	\$279,000.00		\$100,000.00					\$379,000.00
5510	Land Acq/Relocate								\$0.00
5511	Construction Costs								\$0.00
5533	Vehicle/Eq/Software								\$0.00
5514	Roadway Const-Streets	\$3,205,183.00		\$1,200,000.00					\$4,405,183.00
5516	Demolition & Site Prep								\$0.00
5519	Sidewalks								\$0.00
5522	Storm Sewer System								\$0.00
5523	Sanitary Sewer								\$0.00
5525	Water Utility								\$0.00
5531	Vehicle - over \$1,000								\$0.00
	Totals	\$3,706,183.00	\$0.00	\$1,300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,006,183.00
		Ok	Ok	Ok	Ok	Ok	Ok	Ok	Ok

PROGRAM: 299
SUB-PROGRAM: 612



SIX YEAR STREET RESURFACING PLAN

2018 TO 2023

Prepared By: Andrew S Hill, P.E.
ENGINEERING DEPARTMENT
CITY OF БЕЛОИТ
Revision date: October 31, 2017

Table of Contents

Introduction

2018 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2019 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2020 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2021 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2022 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

2023 Proposed CIP and Street Maintenance list of streets, cost estimate and map.

Appendix A

Alphabetical listing of all streets scheduled in this report.

CITY OF BELOIT

PAVEMENT RESURFACING PROGRAM

2018 - 2023

Introduction

The annual Pavement Resurfacing Program seeks to extend the functional life of the city's streets. Over time, the effects of weather, freeze thaw cycles, and traffic can cause cracks to form in pavements, which then permit water to enter the street subgrade. It is known that poor drainage and a saturated subgrade lead to quick deterioration of pavements. The application of an asphalt surface overlay, the repair of broken or missing curb and gutter, and construction of storm sewers are effective ways to minimize and mitigate this deterioration. The goal of this program is to systematically implement major repairs that will last at least twenty years. Also listed for reference are streets in need of minor preventative maintenance in order to achieve a twenty year lifespan.

Each street segment was inspected in 2017 and assigned a condition value between 1 and 10. Ten represents a new street, while 1 represents a complete loss of driving surface. Complete reconstruction is required for streets rated 4 or less, while routine maintenance will extend the life of streets rated 7 or better. There are 1803 paved street segments in the database representing 186.3 miles of pavement. In 2015 the average street condition rating was 5.58, and in 2017 it is 5.95.

Appendix A shows all of the streets which are scheduled according to this plan arranged in alphabetical order.

The schedules of repair that follow are the results of several iterations of the pavement management program and have been reviewed for priority, balance, and contiguity within the budget allocated for street maintenance. This six-year program is presented as a flexible planning tool, and not as a conclusive list of repairs to be made.

PLAN YEAR		2018				
CAPITAL IMPROVEMENT						
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST	
Euclid Ave	Eighth	to Hackett	Reconstruction & Utility r	1322	\$418,000	
Ford St	Milwaukee	to End South	Realignment	716	\$2,750,000	
Gateway Blvd	Townhall Rd	to CTH X	Sewer & Water	2012	\$1,207,000	
Shopiere Rd	Prairie	to Cranston	Mill & Overlay	4351	\$458,001	
Shore Dr	Maple	to City Limits	Reconstruction	2425	\$1,120,000	
Townhall Rd	Colley	to RR Tracks	Reconstruction	6262	\$650,000	
Townline Ave	Madison	to Whipple	Reconstruction	1082	\$399,702	
2018 Capital Improvement (24 blocks)					\$7,002,703	
STREET MAINTENANCE						
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST	
Bootmaker Dr	Mocassin	to Cranston	Mill & Overlay	3139	\$199,751	
Butlin Dr	Virginia	to Wood	Mill & Overlay	1198	\$76,235	
Campus Dr	Pioneer Dr	to Meadow Dr	Stabilize and Repave & Cu	530	\$110,429	
Cheshire Ln	Termini	to Bootmaker Dr	Mill & Overlay	342	\$21,763	
Dewey Ave	Copeland	to Summit	Mill & Overlay & Crack an	909	\$65,769	
E Ridge Rd	Indian	to Lee	Overlay	2885	\$75,217	
Eighth St	Liberty	to Middle	Reconstruction	664	\$150,316	
Greenview Dr	Bayliss	to Campus	Mill & Overlay	1337	\$75,627	
Lathers Rd	Clinic	to Minnie	Mill & Overlay	2743	\$106,670	
Middle St	Tenth	to Eleventh	Mill & Overlay & Curb	289	\$28,493	
Portland Ave	Cleveland	to Townline	Mill & Overlay & Crack an	661	\$80,279	
Portland Ave	Townline	to Division	Mill & Overlay & Curb	1308	\$147,381	
Sherman Ave	Washburn	to Summit	Stabilize and Repave	612	\$81,527	
Sherman Ave	Copeland	to Washburn	Stabilize and Repave & Cu	312	\$56,881	
Stateline Rd	Willowbrook	to I-90 Bridge We	Overlay	1878	\$56,791	
Tenth St	North St	to Olympian	Mill & Overlay	545	\$26,974	
Tenth St	Liberty	to North St	Mill & Overlay & Curb	1323	\$130,437	
2018 Street Maintenance (35 blocks)					\$1,490,543	
Total Cost for 2018 (59 blocks)					\$8,493,246	

2018 Streets Plan

Legend

2018

2023 Plan_Work_Type

Crackfill

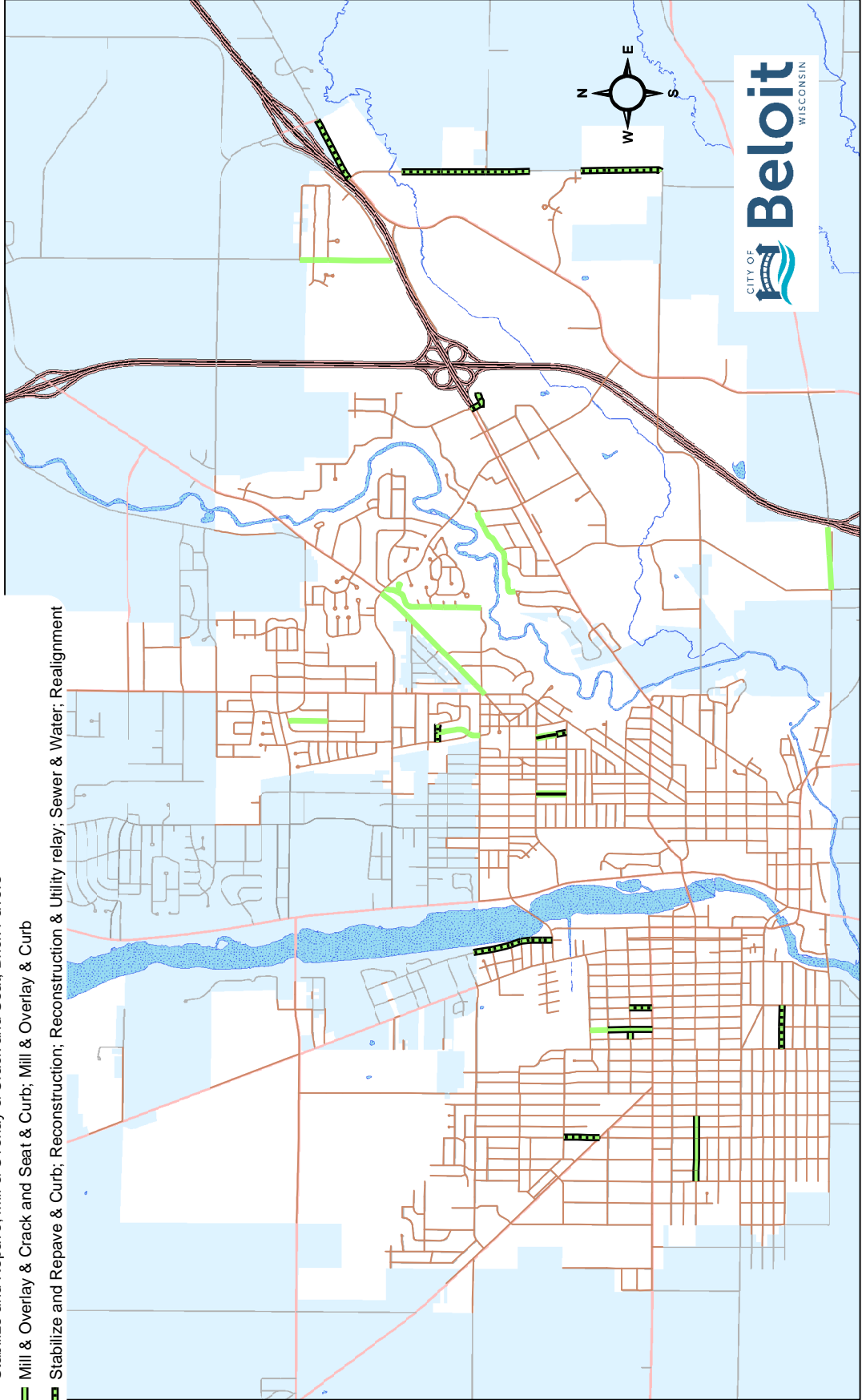
Sealcoat

Mill & Overlay; Overlay

Stabilize and Repave; Mill & Overlay & Crack and Seat; Brick Pavers

Mill & Overlay & Crack and Seat & Curb; Mill & Overlay & Curb

Stabilize and Repave & Curb; Reconstruction; Reconstruction & Utility relay; Sewer & Water; Realignment



PLAN YEAR 2019

CAPITAL IMPROVEMENT

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Broad St	Rock River	to Rock River	Bearing Replacement	265	\$245,000
Euclid Ave	Bluff	to Eighth	Reconstruction & Utility r	1309	\$418,000
Hemlock St	Morse	to Henry	Mill & Overlay	831	\$79,500
Henry Ave	Park	to Royce	Mill & Overlay	2116	\$331,500
Keeler Ave	Park	to Wisconsin	Reconstruction	725	\$288,576
Prairie Ave	Cranston	to Huebbe	Reconstruction	6271	\$1,548,000
Willowbrook Rd	Bridge	to Kennedy	Panel Replacement	976	\$123,000

2019 Capital Improvement (22 blocks) \$3,033,576

STREET MAINTENANCE

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Athletic Ave	Hancock St	to Booker St	Mill & Overlay & Crack an	504	\$38,289
Athletic Ave	E Grand Ave	to Hancock St	Mill & Overlay & Crack an	1100	\$140,276
Broad St E	E Grand	to End E	Mill & Overlay & Crack an	1743	\$132,418
Canterbury Dr	Chatsworth Dr	to Deer Path Way	Sealcoat	1159	\$17,775
Copeland Ave	Wisconsin	to Nelson	Mill & Overlay & Curb	612	\$63,355
Division St	Fairfax	to Portland	Stabilize and Repave & Cu	1000	\$164,081
Farwell St	Park	to Wisconsin	Mill & Overlay & Curb	706	\$73,086
Garfield Ave	Merrill	to Liberty	Mill & Overlay & Curb	586	\$60,664
Henderson Ave	Pioneer	to Prairie	Mill & Overlay	1454	\$86,357
Jackson St	Moore	to Townline	Mill & Overlay & Curb	1989	\$205,905
Keeler Ave	Wisconsin	to Prairie	Sealcoat	1287	\$18,093
Mckinley Ave	Madison	to Whipple	Mill & Overlay	2438	\$140,691
Milwaukee Rd	Bushnell	to White	Sealcoat	4146	\$49,454
Nelson Ave	Copeland Ave	to Summit Ave	Mill & Overlay & Curb	912	\$94,412
Pine St	Morse	to Henry	Mill & Overlay	770	\$34,299
Pioneer Dr	Romona	to Sumac	Mill & Overlay	287	\$19,176
Romona Ct	Pioneer	to Robinson	Mill & Overlay	488	\$32,607
Spruce St	Morse	to Henry	Mill & Overlay & Curb	561	\$37,334
Strong Ave	Central	to Eaton	Mill & Overlay	691	\$35,910
Washburn St	Park	to Wisconsin	Mill & Overlay	706	\$36,690
Wood Dr	Northgate	to Juniper	Mill & Overlay	226	\$15,101

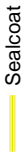
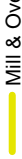
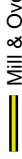
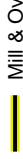
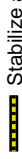
2019 Street Maintenance (45 blocks) \$1,495,974

Total Cost for 2019 (67 blocks) \$4,529,550

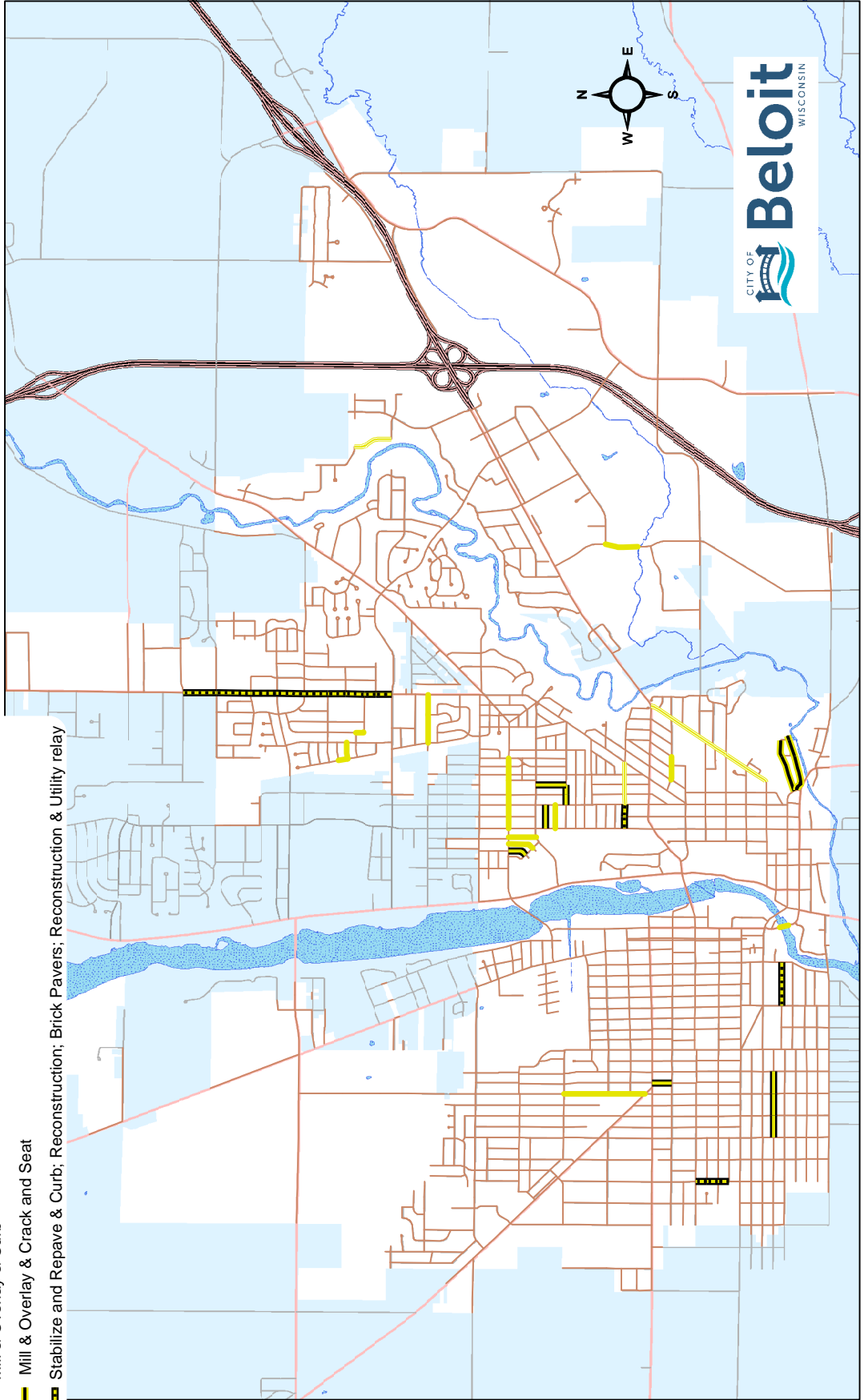
Legend

2019

2019 Plan_Work_Type

-  Sealcoat
-  Mill & Overlay; Panel Replacement; Bearing Replacement
-  Mill & Overlay & Curb
-  Mill & Overlay & Crack and Seat
-  Stabilize and Repave & Curb; Reconstruction; Brick Pavers; Reconstruction & Utility relay

2019 Streets Plan



PLAN YEAR		2020				
CAPITAL IMPROVEMENT						
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST	
Church St	Emerson St	to Woodward Ave	Reconstruction & Utility r	1209	\$418,000	
Henry Ave	Riverside	to Tremont	Mill & Overlay	3197	\$373,442	
Liberty Ave	Bluff	to Mary	Panel Repalcement	1668	\$275,000	
Milwaukee Rd	Bridge	to Leeson Park	Panel Repalcement	1315	\$213,000	
Shopiere Rd	Tremont	to Prairie	Mill & Overlay	1109	\$50,557	
Townline Ave	Shirland	to St Lawrence	Mill & Overlay & Curb	2665	\$576,176	
2020 Capital Improvement (29 blocks)					\$1,906,175	

STREET MAINTENANCE						
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST	
Cleveland St	St Lawrence	to Liberty	Mill & Overlay	2653	\$144,767	
Clinic Rd	Lathers	to City Limits	Overlay	3348	\$102,319	
Fifth St E	Liberty	to Middle	Mill & Overlay	663	\$31,010	
Moore St	Whipple	to House	Mill & Overlay	1358	\$84,688	
Oak St	Roosevelt	to Portland	Mill & Overlay	711	\$38,797	
Randall St	Wisconsin	to Yates	Mill & Overlay & Curb	1646	\$178,917	
Summit Ave	Dewey	to Fayette	Mill & Overlay & Crack an	850	\$113,815	
Vine St	North St	to Olympian	Mill & Overlay	544	\$29,685	
W Grand Ave	Bluff	to Eighth	Reconstruction	1314	\$411,306	
Whipple St	Division	to Frederick	Stabilize and Repave	1316	\$138,057	
Wilson St	Townline	to Dell	Mill & Overlay	1304	\$91,486	
Yates Ave	Porter	to Switch Track	Mill & Overlay & Crack an	1087	\$135,153	
2020 Street Maintenance (28 blocks)					\$1,500,000	

Total Cost for 2020 (57 blocks) \$3,406,175

2020 Streets Plan

Legend

2020

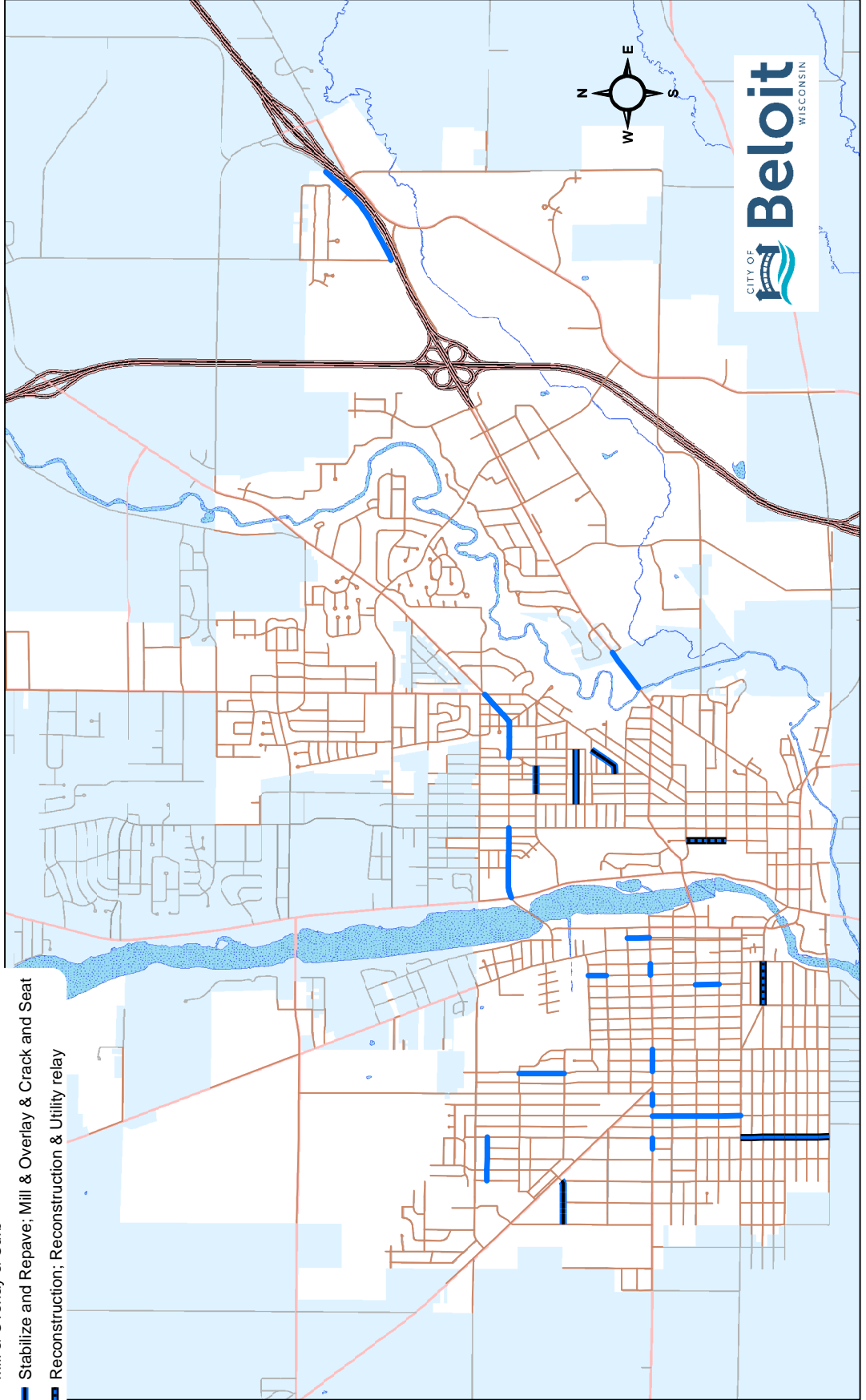
2020 Plan_Work_Type

— Mill & Overlay; Panel Replacement; Overlay

— Mill & Overlay & Curb

— Stabilize and Repave; Mill & Overlay & Crack and Seal

— Reconstruction; Reconstruction & Utility relay



PLAN YEAR 2021

CAPITAL IMPROVEMENT

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Emerson St	Church	to Sherwood Nort	Reconstruction	2531	\$1,924,201
Emerson St	Central	to Milwaukee	Reconstruction & Utility r	1149	\$1,437,199
2021 Capital Improvement (6 blocks)					\$3,361,400

STREET MAINTENANCE

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Austin Pl	Crittenden Dr	to Carnforth Pl	Overlay	374	\$13,092
Butlin Dr N	Post	to E Carolyn	Mill & Overlay	554	\$40,811
Carnforth Pl	Austin Pl	to E Collingswood	Overlay	821	\$36,127
Carolyn Dr E	Wood	to Butlin	Mill & Overlay	320	\$23,573
Cleveland St	Highland	to Euclid	Mill & Overlay	333	\$19,079
Crittenden Pl	Austin	to Chatsworth	Mill & Overlay	398	\$19,546
Dewey Ave	Henry	to Bayliss	Mill & Overlay	877	\$50,248
Euclid Ave	Moore	to Division	Mill & Overlay	3316	\$168,171
Farwell St	Yates	to Sherman	Stabilize and Repave & Cu	398	\$83,998
Garfield Ave	Liberty	to North St	Mill & Overlay	1320	\$75,630
Glen Ave	Henry	to Bayliss	Mill & Overlay	880	\$50,420
Harvey St	Park	to Wisconsin	Mill & Overlay & Curb	716	\$75,882
Jean Ellen Dr	Glen	to Spruce	Mill & Overlay	528	\$30,252
Merrill St	Vine	to Oak	Mill & Overlay	332	\$19,022
Merrill St	Bluff	to Elm	Mill & Overlay & Curb	656	\$74,871
Newfield Dr	End West	to Spruce	Mill & Overlay	833	\$47,727
Oak St	Portland	to Liberty	Mill & Overlay	1344	\$77,005
Roosevelt Ave	Johnson	to Townline	Mill & Overlay	326	\$18,678
Roosevelt Ave	Cleveland	to Johnson	Mill & Overlay & Curb	330	\$37,664
Spruce St	Henry	to Bayliss	Mill & Overlay	879	\$50,363
St Lawrence Ave	Townline	to Ritsher	Mill & Overlay	659	\$37,758
Townline Ave	St Lawrence	to Roosevelt	Stabilize and Repave	658	\$101,472
Vine St	Portland	to Liberty	Mill & Overlay & Curb	1358	\$154,992
Washburn St	Yates	to Sherman	Stabilize and Repave	453	\$69,858
Wood Dr N	Post	to Carolyn	Mill & Overlay	512	\$37,717
Yates Ave	Copeland	to Summit	Mill & Overlay	910	\$52,139
2021 Street Maintenance (43 blocks)					\$1,466,096

Total Cost for 2021 (49 blocks)

\$4,827,496

Legend

2021

2021 Plan_Work_Type

Sealcoat

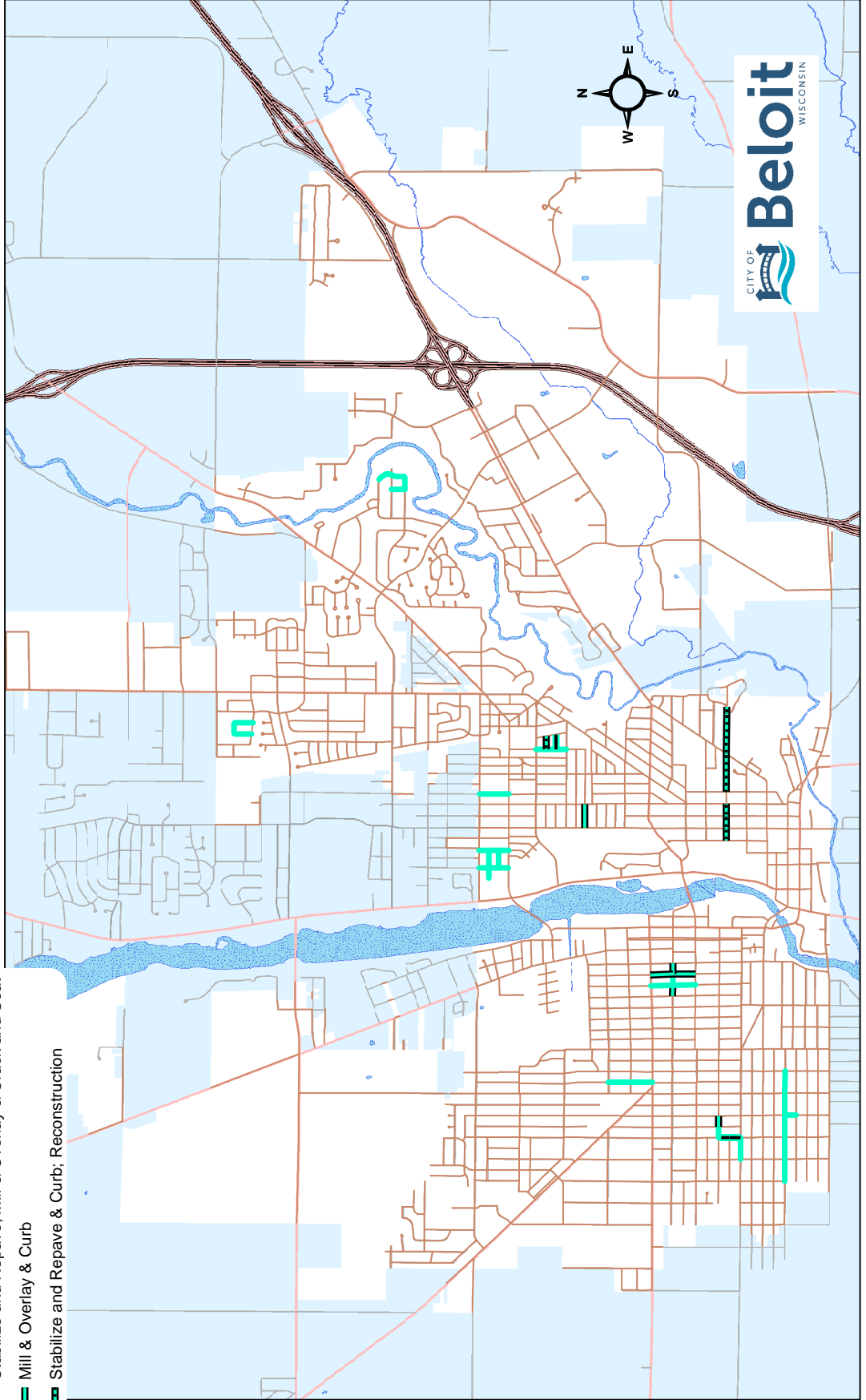
Overlay; Mill & Overlay

Stabilize and Repave; Mill & Overlay & Crack and Seat

Mill & Overlay & Curb

Stabilize and Repave & Curb; Reconstruction

2021 Streets Plan



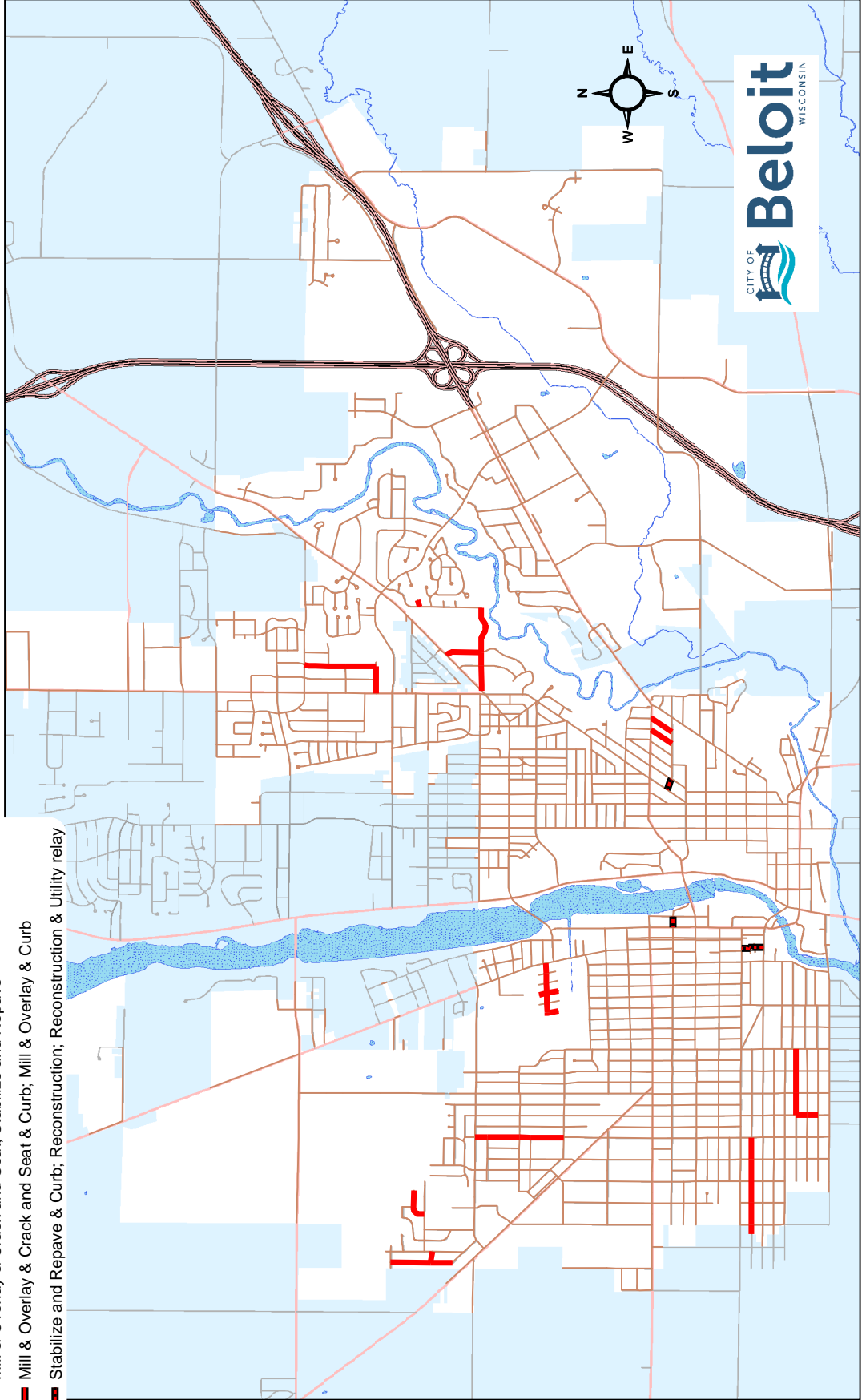
PLAN YEAR		2022				
CAPITAL IMPROVEMENT						
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST	
Gaston Dr	W Grand	to St Lawrence	Reconstruction & Utility r	670	\$159,629	
Merrill St	Third	to Fourth	Reconstruction & Utility r	328	\$123,716	
Strong Ave	Prairie	to Central	Reconstruction & Utility r	357	\$134,655	
2022 Capital Improvement (5 blocks)					\$418,000	
STREET MAINTENANCE						
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST	
Arrowhead Dr	Moccasin Trl	to Shopiere Rd	Mill & Overlay	1082	\$83,692	
Cleveland St	Kenwood	to Highland	Mill & Overlay	665	\$40,007	
Eighth St	End South	to Ridgeland	Mill & Overlay	350	\$24,064	
Forest Ave	Townline	to City Limits	Mill & Overlay	2905	\$140,848	
Highland Ave	Hackett	to Cleveland	Mill & Overlay	1988	\$119,599	
Hinsdale Ave	Strong	to White	Mill & Overlay	759	\$42,400	
Knoll View Dr	Staborn	to Dell	Mill & Overlay	959	\$76,238	
Lasalle St	Strong	to White	Mill & Overlay	746	\$43,277	
Laurel Dr	Linway	to Masters	Mill & Overlay	340	\$26,299	
Linway Dr	Cleora	to Palmer	Mill & Overlay	1861	\$143,947	
Mason Rd	Prairie	to Skyline	Mill & Overlay	813	\$62,885	
Moccasin Tr	Shopiere	to Bootmaker Dr	Mill & Overlay	2569	\$198,710	
Oak St	End South	to End North	Mill & Overlay	597	\$35,916	
Oxford Ln	Bootmaker	to End E	Mill & Overlay	218	\$16,862	
Ridgeland Ave	Sixth	to Eighth	Mill & Overlay	1488	\$91,985	
Skyline Dr	Mason	to Murphy Woods	Mill & Overlay	2158	\$163,862	
Townline Ave	Whipple	to Burton	Mill & Overlay	2657	\$182,681	
2022 Street Maintenance (39 blocks)					\$1,493,271	
Total Cost for 2022 (44 blocks)					\$1,911,271	

Legend

2022 Plan_Work_Type

- Concrete repair; Deck Repairs
- Sealcoat
- Overlay; Mill & Overlay
- Mill & Overlay & Crack and Seat; Stabilize and Repave
- Mill & Overlay & Crack and Seat & Curb; Mill & Overlay & Curb
- Stabilize and Repave & Curb; Reconstruction; Reconstruction & Utility relay

2022 Streets Plan



PLAN YEAR 2023







CAPITAL IMPROVEMENT					
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
E Grand Ave	State	to Pleasant	Brick Pavers	535	\$651,000
Oak St	St Lawrence	to Roosevelt	Reconstruction & Utility r	665	\$279,086
Roosevelt Ave	Oak	to Elm	Reconstruction & Utility r	331	\$138,914
2023 Capital Improvement (3 blocks)					\$1,069,000

STREET MAINTENANCE					
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Chapin St	Church St	to Park	Mill & Overlay	370	\$23,372
Division St	Mildred	to Liberty	Mill & Overlay	956	\$59,293
Harrison Ave	Summit	to Henry	Mill & Overlay & Crack an	811	\$125,710
Mary St	Merrill	to Liberty	Mill & Overlay	582	\$43,329
Merrill St	Mary	to Division	Mill & Overlay	981	\$79,673
Merrill St	Second	to Third	Mill & Overlay & Crack an	163	\$25,266
Merrill St	Division	to Bittel	Stabilize and Repave	658	\$95,891
Portland Ave	Hackett	to Mckinley	Mill & Overlay & Curb	690	\$86,824
Ritsher St	Portland	to Merrill	Mill & Overlay	744	\$60,425
Switch Track	Wisconsin Ave	to Prairie	Reconstruction	1974	\$385,302
W Grand Ave	Moore	to Mckinley	Reconstruction & Utility r	665	\$329,374
2023 Street Maintenance (17 blocks)					\$1,314,458

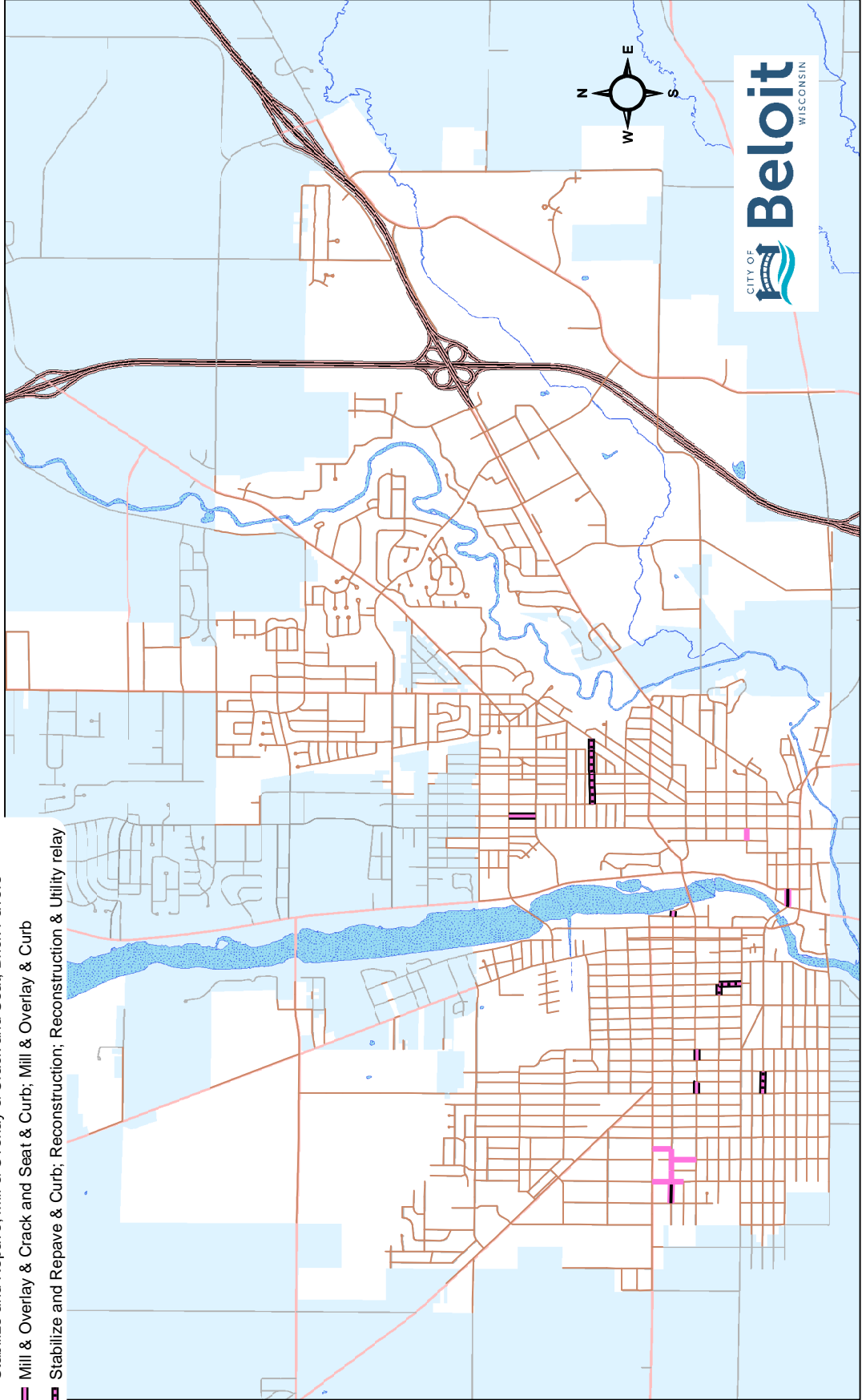
Total Cost for 2023 (20 blocks) \$2,383,458

Legend

2023 Plan_Work_Type

-  Crackfill
-  Sealcoat
-  Mill & Overlay; Overlay
-  Stabilize and Repave; Mill & Overlay & Crack and Seat; Brick Pavers
-  Mill & Overlay & Crack and Seat & Curb; Mill & Overlay & Curb
-  Stabilize and Repave & Curb; Reconstruction; Reconstruction & Utility relay

2023 Streets Plan



Appendix A

Alphabetical listing of all streets scheduled

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2022	Arrowhead Dr	Moccasin Trl	to	Shopiere Rd	Mill & Overlay
2019	Athletic Ave	E Grand Ave	to	Hancock St	Mill & Overlay & Crack and Seat &
2019	Athletic Ave	Hancock St	to	Booker St	Mill & Overlay & Crack and Seat
2021	Austin Pl	Crittenden Dr	to	Carnforth Pl	Overlay
2018	Bootmaker Dr	Mocassin	to	Penny	Mill & Overlay
2018	Bootmaker Dr	Penny	to	Harmony	Mill & Overlay
2018	Bootmaker Dr	Harmony	to	Cobblestone	Mill & Overlay
2018	Bootmaker Dr	Cobblestone	to	Oxford	Mill & Overlay
2018	Bootmaker Dr	Oxford	to	Cheshire	Mill & Overlay
2018	Bootmaker Dr	Cheshire	to	Cranston	Mill & Overlay
2019	Broad St	Rock River	to	Rock River	Bearing Replacement
2018	Butlin Dr	Virginia	to	Wood	Mill & Overlay
2018	Campus Dr	Pioneer Dr	to	Greenview Dr	Stabilize and Repave & Curb
2018	Campus Dr	Greenview Dr	to	Meadow Dr	Stabilize and Repave & Curb
2019	Canterbury Dr	Chatsworth Dr	to	treeline	Sealcoat
2019	Canterbury Dr	treeline	to	Deer Path Way	Sealcoat
2021	Carnforth Pl	Austin Pl	to	Chatsworth Dr	Overlay
2021	Carnforth Pl	Chatsworth Dr	to	E Collingswood Dr	Overlay
2023	Chapin St	Church St	to	Park	Mill & Overlay
2018	Cheshire Ln	Termini	to	Bootmaker Dr	Mill & Overlay
2020	Church St	Emerson St	to	Clary St	Reconstruction & Utility relay
2020	Church St	Clary St	to	Woodward Ave	Reconstruction & Utility relay
2022	Cleveland St	Kenwood	to	Vernon	Mill & Overlay
2022	Cleveland St	Vernon	to	Highland	Mill & Overlay
2021	Cleveland St	Highland	to	Euclid	Mill & Overlay
2020	Cleveland St	St Lawrence	to	Roosevelt	Mill & Overlay
2020	Cleveland St	Roosevelt	to	Portland	Mill & Overlay
2020	Cleveland St	Portland	to	Merrill	Mill & Overlay
2020	Cleveland St	Merrill	to	Liberty	Mill & Overlay
2020	Clinic Rd	Lathers	to	Casey	Overlay
2020	Clinic Rd	Casey	to	City Limits	Overlay
2019	Copeland Ave	Wisconsin	to	Dewey	Mill & Overlay & Curb
2019	Copeland Ave	Dewey	to	Nelson	Mill & Overlay & Curb
2021	Crittenden Pl	Austin	to	Chatsworth	Mill & Overlay
2018	Dewey Ave	Copeland	to	Summit	Mill & Overlay & Crack and Seat
2021	Dewey Ave	Henry	to	Bayliss	Mill & Overlay
2019	Division St	Fairfax	to	Roosevelt	Stabilize and Repave & Curb
2019	Division St	Roosevelt	to	Lenox	Stabilize and Repave & Curb

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2019	Division St	Lenox	to	Portland	Stabilize and Repave & Curb
2023	Division St	Mildred	to	Merrill	Mill & Overlay
2023	Division St	Merrill	to	Liberty	Mill & Overlay
2019	Broad St E	E Grand	to	Hancock	Mill & Overlay & Crack and Seat
2019	Broad St E	Hancock	to	Booker	Mill & Overlay & Crack and Seat
2019	Broad St E	Booker	to	End E	Mill & Overlay & Crack and Seat
2021	Carolyn Dr E	Wood	to	Butlin	Mill & Overlay
2023	E Grand Ave	State	to	Pleasant	Brick Pavers
2018	Eighth St	Liberty	to	Middle	Reconstruction
2022	Eighth St	End South	to	Ridgeland	Mill & Overlay
2021	Emerson St	Church	to	Park	Reconstruction
2021	Emerson St	Park	to	Harrison	Reconstruction
2021	Emerson St	Harrison	to	Wisconsin	Reconstruction
2021	Emerson St	Central	to	Milwaukee	Reconstruction & Utility relay
2021	Emerson St	Milwaukee	to	Sherwood South	Reconstruction
2021	Emerson St	Sherwood South	to	Sherwood North	Reconstruction
2018	E Ridge Rd	Indian	to	Morgan	Overlay
2018	E Ridge Rd	Morgan	to	N Lodge	Overlay
2018	E Ridge Rd	N Lodge	to	Vista	Overlay
2018	E Ridge Rd	Vista	to	Lee	Overlay
2019	Euclid Ave	Bluff	to	Eighth	Reconstruction & Utility relay
2018	Euclid Ave	Eighth	to	Adams	Reconstruction & Utility relay
2018	Euclid Ave	Adams	to	Hackett	Reconstruction & Utility relay
2021	Euclid Ave	Moore	to	Mckinley	Mill & Overlay
2021	Euclid Ave	Mckinley	to	Cleveland	Mill & Overlay
2021	Euclid Ave	Cleveland	to	Townline	Mill & Overlay
2021	Euclid Ave	Townline	to	Ritsher	Mill & Overlay
2021	Euclid Ave	Ritsher	to	Division	Mill & Overlay
2019	Farwell St	Park	to	Wisconsin	Mill & Overlay & Curb
2021	Farwell St	Yates	to	Sherman	Stabilize and Repave & Curb
2020	Fifth St E	Liberty	to	Middle	Mill & Overlay
2018	Ford St	Milwaukee	to	End South	Realignment
2022	Forest Ave	Townline	to	Ritsher	Mill & Overlay
2022	Forest Ave	Ritsher	to	Division	Mill & Overlay
2022	Forest Ave	Division	to	Bittel	Mill & Overlay
2022	Forest Ave	Bittel	to	Frederick	Mill & Overlay
2022	Forest Ave	Fredrick	to	City Limits	Mill & Overlay
2019	Garfield Ave	Merrill	to	Liberty	Mill & Overlay & Curb

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2021	Garfield Ave	Liberty	to	Middle	Mill & Overlay
2021	Garfield Ave	Middle	to	North St	Mill & Overlay
2022	Gaston Dr	W Grand	to	Whitman	Reconstruction & Utility relay
2022	Gaston Dr	Whitman	to	Booth	Reconstruction & Utility relay
2022	Gaston Dr	Booth	to	St Lawrence	Reconstruction & Utility relay
2018	Gateway Blvd	Townhall Rd	to	CTH X	Sewer & Water
2021	Glen Ave	Henry	to	Jean Ellen	Mill & Overlay
2021	Glen Ave	Jean Ellen	to	Newfield	Mill & Overlay
2021	Glen Ave	Newfield	to	Bayliss	Mill & Overlay
2018	Greenview Dr	Bayliss	to	Arbor	Mill & Overlay
2018	Greenview Dr	Arbor	to	Campus	Mill & Overlay
2023	Harrison Ave	Summit	to	Henry	Mill & Overlay & Crack and Seat &
2021	Harvey St	Park	to	Wisconsin	Mill & Overlay & Curb
2019	Hemlock St	Morse	to	Henry	Mill & Overlay
2019	Henderson Ave	Pioneer	to	Lane Dr	Mill & Overlay
2019	Henderson Ave	Lane Dr	to	Prairie	Mill & Overlay
2020	Henry Ave	Riverside	to	Glen	Mill & Overlay
2020	Henry Ave	Glen	to	Morse	Mill & Overlay
2020	Henry Ave	Morse	to	Spruce	Mill & Overlay
2020	Henry Ave	Spruce	to	Pine	Mill & Overlay
2020	Henry Ave	Pine	to	Church	Mill & Overlay
2020	Henry Ave	Church	to	Park	Mill & Overlay
2019	Henry Ave	Park	to	Harrison	Mill & Overlay
2019	Henry Ave	Harrison	to	Wisconsin	Mill & Overlay
2019	Henry Ave	Wisconsin	to	Dewey	Mill & Overlay
2019	Henry Ave	Dewey	to	Wilson	Mill & Overlay
2019	Henry Ave	Wilson	to	Porter	Mill & Overlay
2019	Henry Ave	Porter	to	Fayette	Mill & Overlay
2019	Henry Ave	Fayette	to	Royce	Mill & Overlay
2020	Henry Ave	Royce	to	Yates	Mill & Overlay
2020	Henry Ave	Yates	to	RR Tracks	Mill & Overlay
2020	Henry Ave	RR Tracks	to	Chapman	Mill & Overlay
2020	Henry Ave	Chapman	to	Tremont	Mill & Overlay
2022	Highland Ave	Hackett	to	Moore	Mill & Overlay
2022	Highland Ave	Moore	to	Mckinley	Mill & Overlay
2022	Highland Ave	Mckinley	to	Cleveland	Mill & Overlay
2022	Hinsdale Ave	Strong	to	White	Mill & Overlay
2019	Jackson St	Moore	to	Mckinley	Mill & Overlay & Curb

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2019	Jackson St	Mckinley	to	Cleveland	Mill & Overlay & Curb
2019	Jackson St	Cleveland	to	Townline	Mill & Overlay & Curb
2021	Jean Ellen Dr	Glen	to	Spruce	Mill & Overlay
2019	Keeler Ave	Park	to	Harrison	Reconstruction
2019	Keeler Ave	Harrison	to	Wisconsin	Reconstruction
2019	Keeler Ave	Wisconsin	to	Dewey	Sealcoat
2019	Keeler Ave	Dewey	to	Nelson	Sealcoat
2019	Keeler Ave	Nelson	to	Porter	Sealcoat
2019	Keeler Ave	Porter	to	Prairie	Sealcoat
2022	Knoll View Dr	Staborn	to	Fir	Mill & Overlay
2022	Knoll View Dr	Fir	to	Dell	Mill & Overlay
2022	Lasalle St	Strong	to	White	Mill & Overlay
2018	Lathers Rd	Clinic	to	Oak Lane	Mill & Overlay
2018	Lathers Rd	Oak Lane	to	Bee	Mill & Overlay
2018	Lathers Rd	Bee	to	Minnie	Mill & Overlay
2022	Laurel Dr	Linway	to	Masters	Mill & Overlay
2020	Liberty Ave	Bluff	to	Vine	Panel Replacement
2020	Liberty Ave	Hackett	to	Lincoln	Panel Replacement
2020	Liberty Ave	Lincoln	to	Moore	Panel Replacement
2020	Liberty Ave	Mckinley	to	Grant	Panel Replacement
2020	Liberty Ave	Townline	to	Mary	Panel Replacement
2022	Linway Dr	Cleora	to	Laurel	Mill & Overlay
2022	Linway Dr	Laurel	to	Palmer	Mill & Overlay
2023	Mary St	Merrill	to	Liberty	Mill & Overlay
2022	Mason Rd	Prairie	to	Sunshine	Mill & Overlay
2022	Mason Rd	Sunshine	to	Skyline	Mill & Overlay
2019	Mckinley Ave	Madison	to	Middle	Mill & Overlay
2019	Mckinley Ave	Middle	to	North St	Mill & Overlay
2019	Mckinley Ave	North St	to	Whipple	Mill & Overlay
2023	Merrill St	Second	to	Third	Mill & Overlay & Crack and Seal &
2022	Merrill St	Third	to	Fourth	Reconstruction & Utility relay
2021	Merrill St	Bluff	to	Vine	Mill & Overlay & Curb
2021	Merrill St	Vine	to	Oak	Mill & Overlay
2021	Merrill St	Oak	to	Elm	Mill & Overlay & Curb
2023	Merrill St	Mary	to	Ritsher	Mill & Overlay
2023	Merrill St	Ritsher	to	William	Mill & Overlay
2023	Merrill St	William	to	Division	Mill & Overlay
2023	Merrill St	Division	to	Bittel	Stabilize and Repave

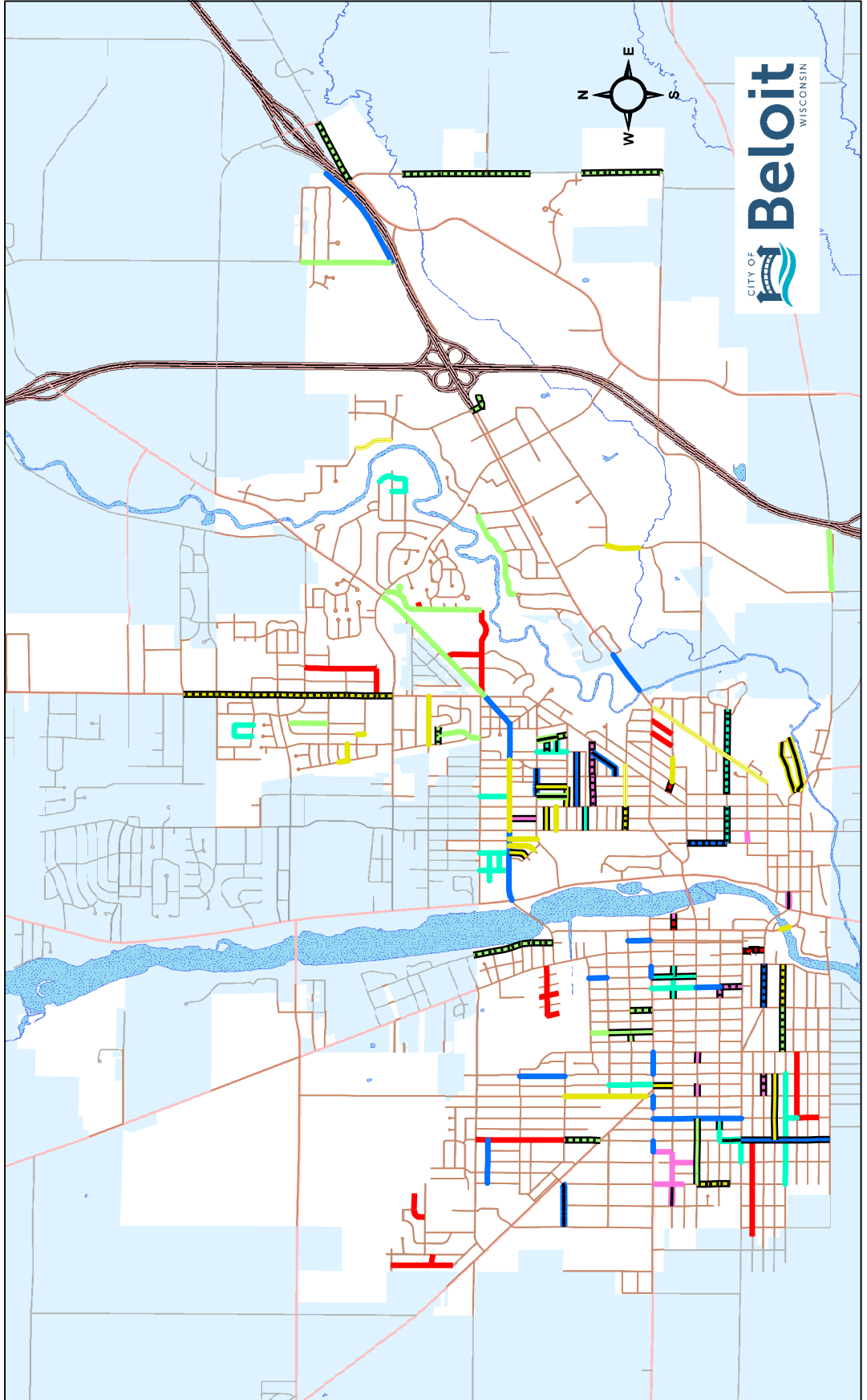
YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2018	Middle St	Tenth	to	Eleventh	Mill & Overlay & Curb
2019	Milwaukee Rd	Bushnell	to	Poydras	Sealcoat
2019	Milwaukee Rd	Poydras	to	Chapin	Sealcoat
2019	Milwaukee Rd	Chapin	to	Emerson	Sealcoat
2019	Milwaukee Rd	Emerson	to	Oakwood	Sealcoat
2019	Milwaukee Rd	Oakwood	to	Clary	Sealcoat
2019	Milwaukee Rd	Clary	to	Colley	Sealcoat
2019	Milwaukee Rd	Colley	to	Arlington	Sealcoat
2019	Milwaukee Rd	Arlington	to	Strong	Sealcoat
2019	Milwaukee Rd	Strong	to	Edan	Sealcoat
2019	Milwaukee Rd	Edan	to	White	Sealcoat
2020	Milwaukee Rd	Bridge	to	Leeson Park	Panel Replacement
2022	Moccasin Tr	Shopiere	to	Chippewa	Mill & Overlay
2022	Moccasin Tr	Chippewa	to	Arrowhead	Mill & Overlay
2022	Moccasin Tr	Arrowhead Dr	to	Bootmaker Dr	Mill & Overlay
2020	Moore St	Whipple	to	House	Mill & Overlay
2021	Butlin Dr N	Post	to	E Carolyn	Mill & Overlay
2019	Nelson Ave	Copeland Ave	to	Summit Ave	Mill & Overlay & Curb
2021	Newfield Dr	End West	to	Glen	Mill & Overlay
2021	Newfield Dr	Glen	to	Spruce	Mill & Overlay
2021	Wood Dr N	Post	to	Carolyn	Mill & Overlay
2023	Oak St	St Lawrence	to	Roosevelt	Reconstruction & Utility relay
2020	Oak St	Roosevelt	to	Portland	Mill & Overlay
2021	Oak St	Portland	to	Merrill	Mill & Overlay
2021	Oak St	Merrill	to	Liberty	Mill & Overlay
2022	Oak St	End South	to	Ridgeland	Mill & Overlay
2022	Oak St	Ridgeland	to	End North	Mill & Overlay
2022	Oxford Ln	Bootmaker	to	End E	Mill & Overlay
2019	Pine St	Morse	to	Henry	Mill & Overlay
2019	Pioneer Dr	Henderson	to	Carlyle	Crackfill
2019	Pioneer Dr	Carlyle	to	Holmes	Crackfill
2019	Pioneer Dr	Holmes	to	Cranston	Crackfill
2019	Pioneer Dr	Romona	to	Sumac	Mill & Overlay
2023	Portland Ave	Hackett	to	Lincoln	Mill & Overlay & Curb
2023	Portland Ave	Garfield	to	Mckinley	Mill & Overlay & Curb
2018	Portland Ave	Cleveland	to	Johnson	Mill & Overlay & Crack and Seat &
2018	Portland Ave	Johnson	to	Townline	Mill & Overlay & Crack and Seat &
2018	Portland Ave	Townline	to	Ritsher	Mill & Overlay & Curb

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2018	Portland Ave	Ritsher	to	William	Mill & Overlay & Curb
2018	Portland Ave	William	to	Division	Mill & Overlay & Curb
2019	Prairie Ave	Cranston	to	Mason	Reconstruction
2019	Prairie Ave	Mason	to	Northgate	Reconstruction
2019	Prairie Ave	Northgate	to	Robin	Reconstruction
2019	Prairie Ave	Robin	to	Virginia	Reconstruction
2019	Prairie Ave	Virginia	to	Murphy Woods	Reconstruction
2019	Prairie Ave	Murphy Woods	to	Elmwood	Reconstruction
2019	Prairie Ave	Elmwood	to	Post	Reconstruction
2019	Prairie Ave	Post	to	W Hart	Reconstruction
2019	Prairie Ave	W Hart	to	Huebbe	Reconstruction
2020	Randall St	Wisconsin	to	Porter	Mill & Overlay & Curb
2020	Randall St	Porter	to	Yates	Mill & Overlay & Curb
2022	Ridgeland Ave	Sixth	to	Bluff	Mill & Overlay
2022	Ridgeland Ave	Bluff	to	Vine	Mill & Overlay
2022	Ridgeland Ave	Vine	to	Oak	Mill & Overlay
2022	Ridgeland Ave	Oak	to	Elm	Mill & Overlay
2022	Ridgeland Ave	Elm	to	Eighth	Mill & Overlay
2023	Ritsher St	Portland	to	Merrill	Mill & Overlay
2019	Romona Ct	Pioneer	to	Robinson	Mill & Overlay
2023	Roosevelt Ave	Oak	to	Elm	Reconstruction & Utility relay
2021	Roosevelt Ave	Cleveland	to	Johnson	Mill & Overlay & Curb
2021	Roosevelt Ave	Johnson	to	Townline	Mill & Overlay
2018	Sherman Ave	Copeland	to	Washburn	Stabilize and Repave & Curb
2018	Sherman Ave	Washburn	to	Farwell	Stabilize and Repave
2018	Sherman Ave	Farwell	to	Summit	Stabilize and Repave
2020	Shopiere Rd	Tremont	to	Marion	Mill & Overlay
2020	Shopiere Rd	Marion	to	Congress	Mill & Overlay
2020	Shopiere Rd	Congress	to	Prairie	Mill & Overlay
2018	Shopiere Rd	Prairie	to	Moccasin	Mill & Overlay
2018	Shopiere Rd	Moccasin	to	Crane	Mill & Overlay
2018	Shopiere Rd	Crane	to	Chippewa	Mill & Overlay
2018	Shopiere Rd	Chippewa	to	Arrowhead	Mill & Overlay
2018	Shopiere Rd	Arrowhead	to	Monroe	Mill & Overlay
2018	Shopiere Rd	Monroe	to	Vail	Mill & Overlay
2018	Shopiere Rd	Vail	to	Schuster	Mill & Overlay
2018	Shopiere Rd	Schuster	to	Cranston	Mill & Overlay
2018	Shore Dr	Maple	to	Beach	Reconstruction

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2018	Shore Dr	Beach	to	Chestnut	Reconstruction
2018	Shore Dr	Chestnut	to	Birch	Reconstruction
2018	Shore Dr	Birch	to	Carpenter	Reconstruction
2018	Shore Dr	Carpender	to	Caldwell	Reconstruction
2018	Shore Dr	Caldwell	to	City Limits	Reconstruction
2022	Skyline Dr	Mason	to	Robin	Mill & Overlay
2022	Skyline Dr	Robin	to	Wren	Mill & Overlay
2022	Skyline Dr	Wren	to	Murphy Woods	Mill & Overlay
2019	Spruce St	Morse	to	Henry	Mill & Overlay & Curb
2021	Spruce St	Henry	to	Jean Ellen	Mill & Overlay
2021	Spruce St	Jean Ellen	to	Newfield	Mill & Overlay
2021	Spruce St	Newfield	to	Bayliss	Mill & Overlay
2021	St Lawrence Ave	Townline	to	Ritsher	Mill & Overlay
2018	Stateline Rd	Willowbrook	to	Frontage Rd	Overlay
2018	Stateline Rd	Frontage Rd	to	I-90 Bridge West	Overlay
2022	Strong Ave	Prairie	to	Central	Reconstruction & Utility relay
2019	Strong Ave	Central	to	Partridge (Sout	Mill & Overlay
2019	Strong Ave	Partridge (Sout	to	Eaton	Mill & Overlay
2020	Summit Ave	Dewey	to	Nelson	Mill & Overlay & Crack and Seat &
2020	Summit Ave	Nelson	to	Porter	Mill & Overlay & Crack and Seat &
2020	Summit Ave	Porter	to	Fayette	Mill & Overlay & Crack and Seat &
2023	Switch Track	Wisconsin Ave	to	Porter	Reconstruction
2023	Switch Track	Porter Ave	to	Yates	Reconstruction
2023	Switch Track	Yates Ave	to	Prairie	Reconstruction
2018	Tenth St	Liberty	to	Middle	Mill & Overlay & Curb
2018	Tenth St	Middle	to	North St	Mill & Overlay & Curb
2018	Tenth St	North St	to	Olympian	Mill & Overlay
2018	Townhall Rd	Colley	to	S 1/16 Corner Section 2	Reconstruction
2018	Townhall Rd	S 1/16 Corner Sectio	to	Eagles Ridge Dr	Reconstruction
2018	Townhall Rd	N 1/16 Corner Secti	to	E Colley	Reconstruction
2018	Townhall Rd	E Colley	to	S 1/16 Corner Section 2	Reconstruction
2018	Townhall Rd	S 1/16 Corner Sectio	to	RR Tracks	Reconstruction
2020	Townline Ave	Shirland	to	Kenwood	Mill & Overlay & Curb
2020	Townline Ave	Kenwood	to	Vernon	Mill & Overlay & Curb
2020	Townline Ave	Vernon	to	Highland	Mill & Overlay & Curb
2020	Townline Ave	Highland	to	Euclid	Mill & Overlay & Curb
2020	Townline Ave	Euclid	to	Jackson	Mill & Overlay & Curb
2020	Townline Ave	Jackson	to	W Grand	Mill & Overlay & Curb

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2020	Townline Ave	W Grand	to	Forest	Mill & Overlay & Curb
2020	Townline Ave	Forest	to	St Lawrence	Mill & Overlay & Curb
2021	Townline Ave	St Lawrence	to	Fairfax	Stabilize and Repave
2021	Townline Ave	Fairfax	to	Roosevelt	Stabilize and Repave
2018	Townline Ave	Madison	to	Whipple	Reconstruction
2022	Townline Ave	Whipple	to	Poff	Mill & Overlay
2022	Townline Ave	Poff	to	House	Mill & Overlay
2022	Townline Ave	House	to	Wilson	Mill & Overlay
2022	Townline Ave	Wilson	to	Burton	Mill & Overlay
2021	Vine St	Portland	to	Merrill	Mill & Overlay & Curb
2021	Vine St	Merrill	to	Liberty	Mill & Overlay & Curb
2020	Vine St	North St	to	Olympian	Mill & Overlay
2019	Washburn St	Park	to	Wisconsin	Mill & Overlay
2021	Washburn St	Yates	to	Sherman	Stabilize and Repave
2020	W Grand Ave	Bluff	to	Eighth	Reconstruction
2023	W Grand Ave	Moore	to	Mckinley	Reconstruction & Utility relay
2020	Whipple St	Division	to	Michael	Stabilize and Repave
2020	Whipple St	Michael	to	Bittel	Stabilize and Repave
2020	Whipple St	Bittel	to	McKearn	Stabilize and Repave
2020	Whipple St	McKearn	to	Alley Reservation	Stabilize and Repave
2020	Whipple St	Alley Reservation	to	Frederick	Stabilize and Repave
2019	Willowbrook Rd	Bridge	to	Kennedy	Panel Replacement
2020	Wilson St	Townline	to	Mary	Mill & Overlay
2020	Wilson St	Mary	to	Ritsher	Mill & Overlay
2020	Wilson St	Ritsher	to	Sun Valley	Mill & Overlay
2020	Wilson St	Sun Valley	to	Dell	Mill & Overlay
2019	Wood Dr	Northgate	to	Juniper	Mill & Overlay
2020	Yates Ave	Porter	to	Hull	Mill & Overlay & Crack and Seat &
2020	Yates Ave	Hull	to	Argall	Mill & Overlay & Crack and Seat &
2020	Yates Ave	Argall	to	Switch Track	Mill & Overlay & Crack and Seat &
2021	Yates Ave	Copeland	to	Washburn	Mill & Overlay
2021	Yates Ave	Washburn	to	Farwell	Mill & Overlay
2021	Yates Ave	Farwell	to	Summit	Mill & Overlay

2018 - 2023 Streets Plan



GLOSSARY OF BUDGET TERMS

Accrual Basis: The basis of accounting under which transactions are recognized when they occur, regardless of the timing of estimated cash flow.

Appropriation: Legal authorization by the City Council to make expenditures and to incur obligations for a specific purpose.

Bond or Note: A written promise to pay a specific sum of money, called face value or principal amount, at a specified date or dates in the future, called the maturity dates, together with a periodic interest rate.

Budget: The financial plan for the operation of a program or organization which includes estimated or proposed expenditures for a given period and the proposed means of financing those expenditures.

Capital Improvement Budget (CIB): Authorization by the City Council to undertake selected capital improvement project as outlined in the CIP for the coming year.

Capital Improvement Program (CIP): An annually updated 6-year plan or schedule of projected expenditures for public facilities and improvements which includes estimated project costs, sources of funds and timing of work over a six-year period.

Capital Outlay: Fixed assets which have a value of \$1,000 or more and have a useful economic lifetime of more than one year.

Contingency: A budgetary reserve set aside for emergencies or unforeseen expenditures not otherwise budgeted.

Debt Service Fund: A fund established to account for the accumulation of resources for and the payment of general long term debt, principal, and interest.

Depreciation: That portion of the cost of a capital asset that is charged as an expense during a period. This is a process of estimating and recording the lost usefulness, expired useful life, or diminution of service from a fixed asset that cannot or will not be restored by repair and will be replaced. The cost of the loss of usefulness of a fixed asset is the depreciation or the cost to reserve in order to replace the item at the end of its useful life.

Equipment Replacement Fund: A separate Internal Service Fund of the City used to accumulate resources for the replacement of rolling stock owned by the City with a value of more than \$10,000 and a useful life of greater than 8 years.

Expenditures: The cost of goods received or services rendered for the City.

Financial Policy: The City's policy with respect to taxes, spending and debt management as they relate to government services programs, and capital investments.

Fund Balance: Funds remaining after the application of available revenues and resources to support expenditures for the fund.

Fund: The fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources together with all related liabilities and residual equity or balances and changes therein which are segregated for the purpose of carrying out specific activities or obtaining certain objectives in accordance with special regulations, restrictions or limitations.

GLOSSARY OF BUDGET TERMS

General Obligation Bonds: Bonds for the payment of which the full faith and credit of the issuing government are pledged.

General Obligation Corporate Purpose Bonds: Borrowing for any project for a public purpose or refunding any municipal obligation, including interest on them. Source of repayment is a direct, annual, irrevocable tax. Maximum term is 20 years from the date of the obligation.

General Obligation Promissory Note: Borrowing for any public purpose, including but not limited to paying any general or current municipal expense, and refunding any municipal obligation, including interest on them. Source of repayment is a direct, annual, irrevocable tax. Maximum term is 10 years from the date of the obligation.

Geographic Information Systems (GIS): Text and mapping information connected through a database located on a server.

Intergovernmental Aids/Grants: Revenues from other governments, primarily in the form of Federal and State Grants, but may also be payments from other local governments.

Special Assessment: A compulsory levy made against certain properties to defray part or all of the cost of a specific improvement or service deemed to primarily benefit those properties.

State Trust Fund Loan: Loans to towns, villages, cities and counties for the purpose of financing projects for a public purpose permitted by the Board of Commissioners of Public Lands. Source of repayment is a direct, annual, irrevocable tax. Maximum term is not to exceed 20 years.

Tax Incremental Finance District (TID or TIF): An economic development tool used to provide improvements such as demolition of buildings, infrastructure improvements, or infrastructure extensions to businesses. The districts captures the added tax value of all taxing jurisdictions and uses the added value to pay for improvements.

Utility Revenue Bond: a bond issued to finance the construction of public utility services.

GLOSSARY OF ACRONYMS

ADA	Americans with Disabilities Act.
AMR	Automated Meter Reading
BHA	Beloit Housing Authority.
BMHS	Beloit Memorial High School.
BTS	Beloit Transit System.
BYHA	Beloit Youth Hockey Association.
CAD	Computer Aided Design.
CBRNE	Chemical, Biological, Radiological, Nuclear, Explosive.
C&G	Curb and gutter.
CIB	Capital Improvement Budget.
CIP	Capital Improvement Program.
CIPP	Cured-in-place pipe.
CMOM	Capacity, Management, Operations, and Maintenance.
COB	City of Beloit.
DEF	Diesel Exhaust Fluid.
DHL	Diggers Hotline Locating.
DNR	Department of Natural Resources.
DPW	Department of Public Works.
DO	Dissolved Oxygen.
DOT	Department of Transportation.
DOZ	Gateway Development Opportunity Zone.
EAB	Emerald Ash Bore.
EAV	Equalized Assessed Value.

GLOSSARY OF ACRONYMS

ECD	Electronic Control Devices.
EMS	Emergency Medical Staff.
EOC	Emergency Operations Center.
EPA	Environmental Protection Agency.
FTA	Federal Transit Administration.
GIS	Geographic Information Systems.
GPM	Gallons Per Minute.
GPS	Global Positioning System.
HGL	Hydraulic Grade Line.
HUD	United States Department of Housing and Urban Development.
HVAC	Heating, Ventilating, and Air Conditioning.
I&I	Inflow & Infiltration.
KHGC	Krueger Haskell Golf Course.
LCP	Local Control Panel.
LRIP	Local Road Improvement Program.
LS	Lift station.
MCL	Maximum Contamination Level.
MDC	Mobile data computer.
MiLB	Minor League Baseball
NFPA	National Fire Protection Association.
PARC	Parks And Recreation Committee
PCS	Process Control Systems.

GLOSSARY OF ACRONYMS

POROS	Parks & Recreation Open Space Plan
PRV	Pressure Reducing Valve.
PSC	Public Service Commission.
RFP	Request For Proposal.
ROW	Right of Way.
SCBA	Self contained breathing apparatus.
SSO	Sanitary Sewer Overflow.
TDP	Transit Department Plan.
TEA	Transportation Economic Assistance.
TID or TIF	Tax Incremental Finance District.
TMDL	Total Maximum Daily Load.
TOD	Total Oxygen Demand.
VFD	Variable Frequency Drive.
WDNR	Wisconsin Department of Natural Resources.
WISDOT	Wisconsin Department of Transportation.
WPCF	Water Pollution Control Facility.