



Beloit
WISCONSIN



2019 - 2024
**CAPITAL IMPROVEMENT
PROGRAM**
Adopted November 5, 2018

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November 5, 2018

To Council President Kevin Leavy, Members of the City Council, and Residents of the City of Beloit:

It is my pleasure to present to you the Adopted 2019-2024 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 a 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 \$9.5 million which is a \$9.5 million decrease from 2018. Funding for the CIP projects consist of \$5.529 million in general obligation bonds/notes, \$260,800 of fund balance, \$40,000 of equipment funds, \$3.1 million of State and Federal aids, and \$520,000 from special assessments and other funding sources. The projects include \$6.3 million in infrastructure improvements, \$1.1 million in capital equipment, \$445,000 in economic development, and \$1.489 million in buildings and grounds.

The City's debt policy requires maintaining an outstanding general obligation debt to equalized assessed value ratio of 3.50% or less. The City anticipates being within policy at 3.06% with \$5.5 million in general obligation borrowing planned for next year.

The six year CIP includes projects totaling \$53 million covering the following types of improvements:

Infrastructure Improvements	\$36,520,129
Development & Redevelopment	3,982,000
Buildings & Grounds	5,228,000
Capital Equipment	5,842,865
Financing of Issue	1,018,908
Total	<u>\$52,591,902</u>

The \$9.5 million 2019 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, a new sidewalk gap closing program and City parking lot rehabs. There will be the annual street maintenance and reconstruction of Prairie Avenue from Cranston to Huebbe, turn lanes constructed, designated right turn lanes for westbound traffic on Middle and North Streets at Sixth Street, street resurfacing on Henry Avenue from Park Avenue to the railroad tracks, and a Beloit College Public/Private Partnership with project to be determined.

Economic Development

Project funded from tax increment district 13 includes Milwaukee Road Corridor Improvement design only in 2019.

City Facilities

The total budget for building and grounds improvements is \$1.5 million. This consists of a variety of projects such as City owned building evaluations and repairs, continuing City Hall security improvements, and City Hall exterior repairs. There will be several park and recreation projects, including Grinnell Hall exterior envelope repairs and Krueger pool bath house roof replacement.

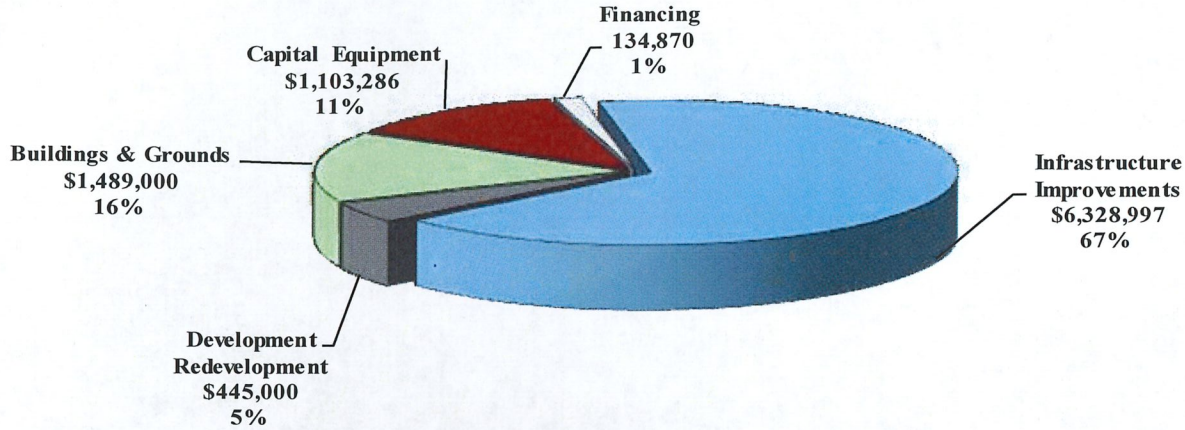
Capital Equipment

The Fire Department is replacing one of their Engines. The Parks and Recreation Division will replace their Zamboni. The big item for 2019 & 2020 is replacing portable radios for the Police and Fire Department. The Information Systems Department has a number of items included for 2019 including expansion of city wide camera/security project, replacing city hall fiber switches, and replacing the City Hall forum video equipment. The City Clerk/Treasurer's Division will need to replace their ADA voting equipment.

2019-2024 Capital Improvement Plan

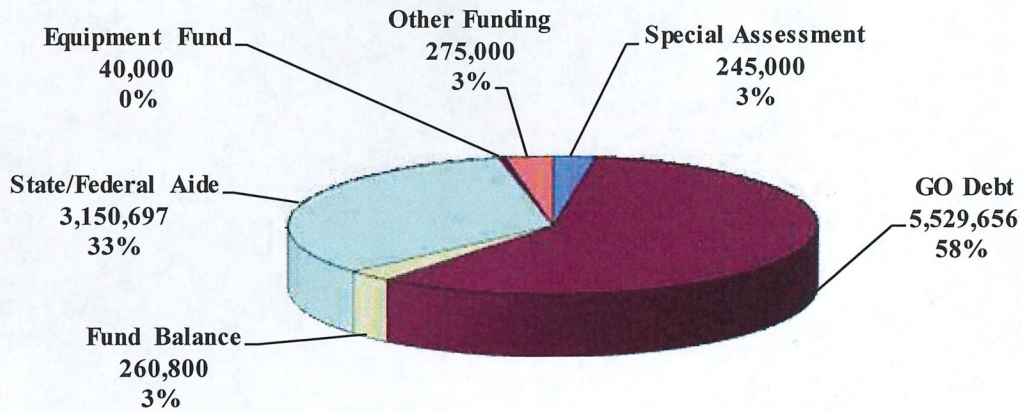
The 2019-2024 Capital Plan identifies capital projects and estimates the cost projections for the ensuing five year planning period. The projects identified in these years are either multi-year projects continued from previous years or are those projects worth consideration for which funding has not 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.

2019 Capital Improvement Budget Uses of Funding



**Total Capital Improvement Budget -
\$9,501,153**

2019 Capital Improvement Budget Funding Sources



**Total Capital Improvement Budget -
\$9,501,153**

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

Lori S. Curtis Luther
City Manager

**CITY OF БЕЛОIT
2019 CAPITAL IMPROVEMENT BUDGET**

Project Title			2019 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other
GENERAL OBLIGATION FINANCING									
General Public Works									
P2902258	DPW-Parks	TERRACE TREE PLANTING & REMOVAL	80,000	80,000					
P2902268	Engineering	SIDEWALK IMPROVEMENTS	115,000	20,000			95,000		
P2970678	Engineering	SIDEWALK GAP CLOSING PROGRAM	100,000	50,000			50,000		
P2901400	Engineering	CITY OWNED PARKING LOT REHAB	50,000	50,000					
P2970679	Engineering	CITY CENTER PARKING LOT SIGNAGE	20,000	20,000					
Street Maintenance & Improvements									
P2902187	Engineering	STREET MAINTENANCE	1,500,000	1,500,000					
P2902188	Engineering	SPECIAL ASSESSMENT PROJECTS	100,000				100,000		
P2970680	Engineering	TURN LANES: SIXTH & MIDDLE-SIXTH & NORTH	132,000	132,000					
P2901470	Engineering	PRAIRIE AVE RECONSTRUCTION: CRANSTON-HUEBBE	2,510,497	610,000				1,900,497	
P2905661	Engineering	HENRY AVE RESURFACING: PARK - RAILROAD	321,500	234,500				87,000	
P2971635	Engineering	BELOIT COLLEGE PUBLIC/PRIVATE PARTNERSHIP	1,400,000	250,000				900,000	250,000

**CITY OF BELOIT
2019 CAPITAL IMPROVEMENT BUDGET**

			2019 Total		Fund	Equipment	Special	State/Fed	
Project Title			Budget	GO Debt	Balance	Fund	Assessment	Funds	Other
Repair and Renovation of Existing Operations									
P2910450	Parks & Leisure Services	PARK FACILITIES & AMENITIES ENHANCEMENT	320,000	295,000					25,000
P2910575	Parks & Leisure Services	RECREATION FACILITY ENHANCEMENTS	40,000	40,000					
P2970666	DPW Facilities	CITY OWNED BUILDING EVALUATIONS & REPAIRS	125,000	125,000					
P2913663	Engineering	CITY HALL SECURITY IMPROVEMENTS	159,000	159,000					
P2939681	DPW Facilities	CITY HALL EXTERIOR REPAIRS	89,000	89,000					
P2939682	DPW Facilities	GRINNELL HALL EXTERIOR ENVELOPE REPAIRS	250,000	250,000					
P2970683	DPW Facilities	KRUEGER POOL BATH HOUSE ROOF REPLACEMENT	124,000	124,000					
P2970684	DPW Operations	RETARP SHIRLAND AVE. SALT SHED	23,000	23,000					
P2511263	Transit	TRANSIT ROOF REPLACEMENT	329,000		65,800			263,200	

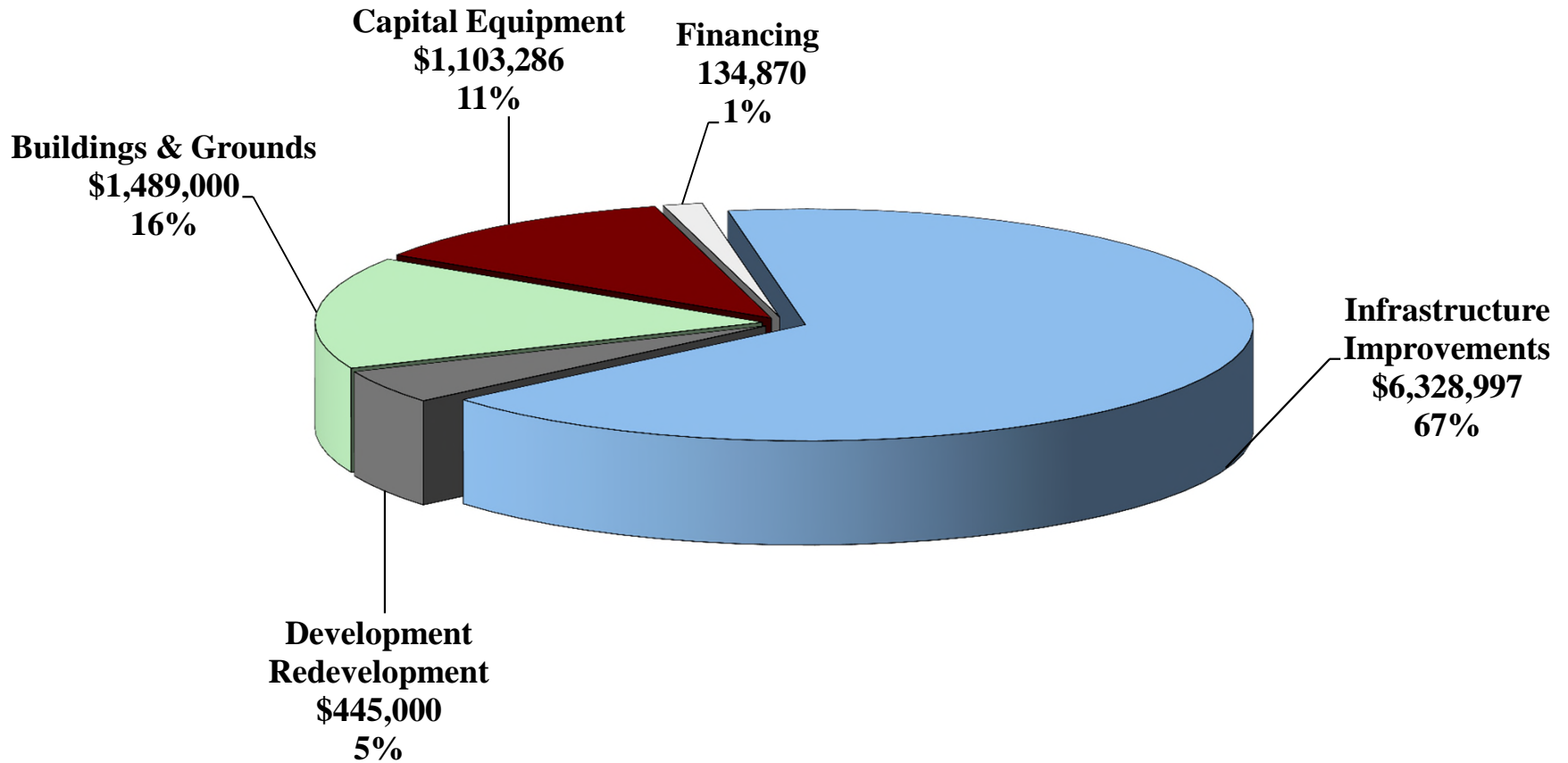
**CITY OF BELOIT
2019 CAPITAL IMPROVEMENT BUDGET**

		Project Title	2019 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other
Equipment Replacement									
P2970685	DPW Operations	NEW DUMP BODY FOR TRUCK #583	13,500	13,500					
P2963686	Police/Fire	PORTABLE RADIO REPLACEMENT	590,000	590,000					
P2954687	Information Technology	CITY WIDE CAMERA/SECURITY PROJECT EXPANSION	30,000	30,000					
P2953688	Information Technology	CITY HALL FIBER SWITCHES	30,000	30,000					
P2953689	Information Technology	FORUM VIDEO EQUIPMENT REPLACEMENT	20,000	20,000					
P2916690	City Clerk	ADA VOTING EQUIPMENT REPLACEMENT	28,000	28,000					
Vehicle Replacement									
P2963030	Fire	ENGINE 697 REPLACEMENT	284,166	284,166					
P2970691	DPW Parks & Leisure Services	REPLACE ZAMBONI	107,620	67,620		40,000			
Other Community Development									
P2967520	Community Development	PROPERTY ACQUISITION & DEMOLITION	250,000	250,000					
				5,364,786	65,800	40,000	245,000	3,150,697	275,000
		GO Financing Costs @ Approximately 2.5%	134,120	134,120					
		GO STREETS, OPERATIONS, & EQUIPMENT FINANCING	9,275,403	5,498,906	65,800	40,000	245,000	3,150,697	275,000
GO ENTERPRISE FUND FINANCING									
P2173636	Parks & Leisure Services	KRUEGER GOLF COURSE IMPROVEMENTS	30,000	30,000					
		Financing Costs @ Approximately 2.5%	750	750					
		TOTAL GOLF COURSE FINANCING	30,750	30,750	0	0	0	0	0
TOTAL GENERAL OBLIGATION FINANCING COSTS			9,306,153	5,529,656	65,800	40,000	245,000	3,150,697	275,000

**CITY OF BELOIT
2019 CAPITAL IMPROVEMENT BUDGET**

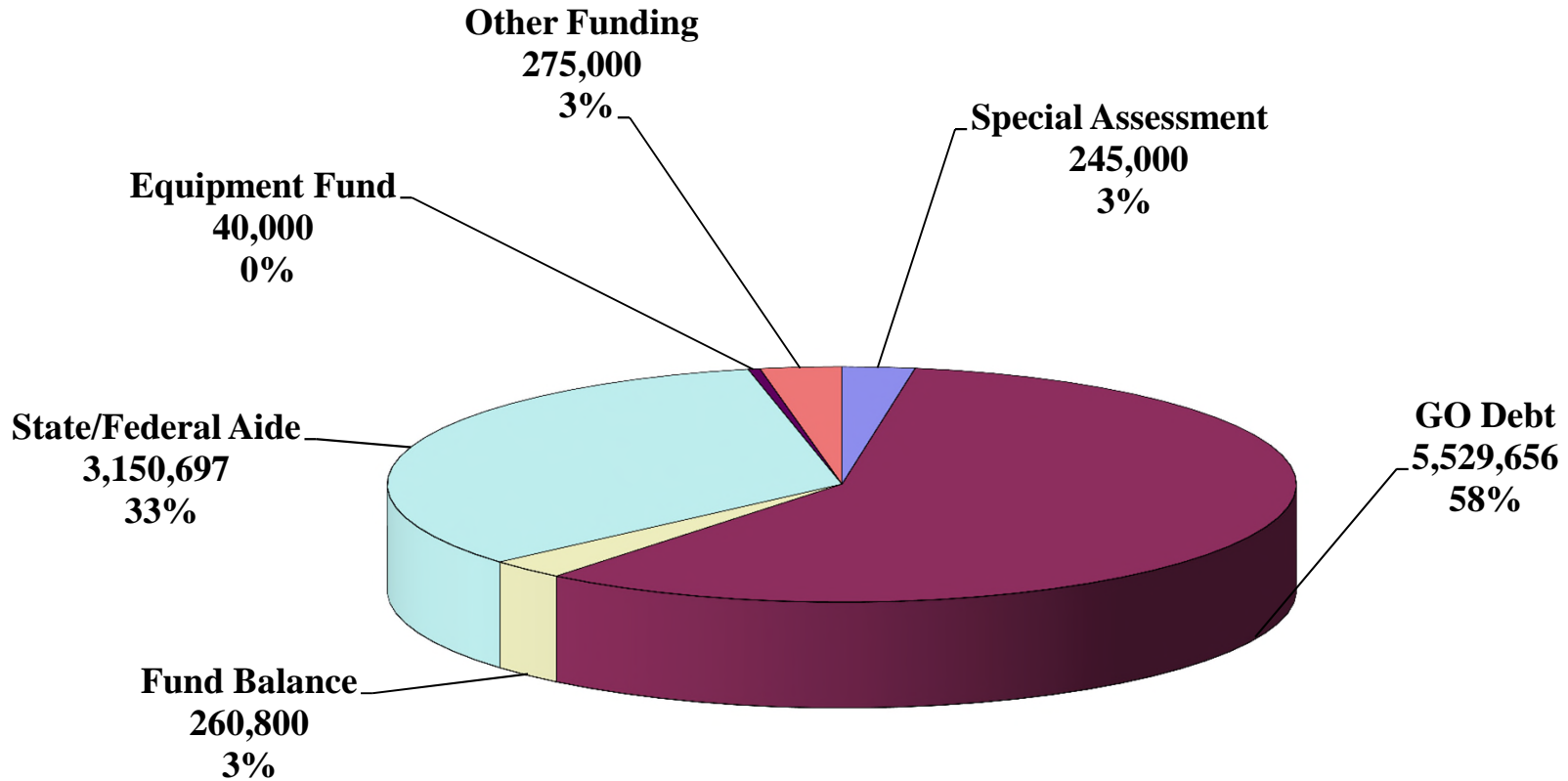
			2019 Total Budget	GO Debt	Fund Balance	Equipment Fund	Special Assessment	State/Fed Funds	Other	
TID FINANCING										
P5070692	TID #10									
	Engineering	MILWAUKEE ROAD EXTENSION EAST I39/90	140,000		140,000					
			140,000	0	140,000	0	0	0	0	
		Lease Revenue Financing Costs @ Approximately 12.5%	0							
		TOTAL TID #10 FINANCING	140,000	0	140,000	0	0	0	0	0
P5321607	TID #13									
	Engineering	MILWAUKEE RD GATEWAY CORRIDOR IMPROVEMENT	55,000		55,000					
			55,000	0	55,000	0	0	0	0	
		Lease Revenue Financing Costs @ Approximately 12.5%	0							
		TOTAL TID #13 FINANCING	55,000	0	55,000	0	0	0	0	0
GRAND TOTAL ALL ISSUES			9,501,153	5,529,656	260,800	40,000	245,000	3,150,697	275,000	

2019 Capital Improvement Budget Uses of Funding



**Total Capital Improvement
Budget - \$9,501,153**

2019 Capital Improvement Budget Funding Sources



**Total Capital
Improvement Budget -
\$9,501,153**

CITY OF БЕЛОIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total
		2019	2020	2021	2022	2023	2024	Budget
<i>Infrastructure Improvements</i>								
General Public Works								
TERRACE TREE PLANTING & REMOVAL	\$120,000	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$450,000
CITY OWNED PARKING LOT REHAB	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000
SIDEWALK IMPROVEMENTS	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$805,000
CITY CENTER PARKING LOT SIGNAGE		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000		\$100,000
SIDEWALK GAP CLOSING PROGRAM		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
B-J BIKE TRAIL	\$286,320				\$149,500			\$435,820
TOTAL GENERAL PUBLIC WORKS	\$571,320	\$365,000	\$335,000	\$335,000	\$484,500	\$335,000	\$315,000	\$2,740,820
Street and Intersection Improvements								
STREET MAINTENANCE	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,500,000
SPECIAL ASSESSMENT PROJECTS	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000
TURN LANES: SIXTH & MIDDLE-SIXTH & NORTH PRAIRIE AVE RECONSTRUCTION: CRANSTON-	\$350,000	\$132,000						\$132,000
HUEBBE								\$2,860,497
HENRY AVE RESURFACING: PARK - RAILROAD	\$21,500	\$321,500						\$343,000
BELOIT COLLEGE PUBLIC/PRIVATE PARTNERSHIP	\$250,000	\$1,400,000						\$1,650,000
KEELER AVE RECON (PARK AVE-WISCONSIN AVE)	\$36,000		\$288,576					\$324,576
HENRY AVE RESURFACING: RIVERSIDE - PARK			\$207,000					\$207,000
HENRY AVE/SHOPIERE RD RESURFACING: ROYCE - PRAIRIE	\$90,000		\$127,000					\$217,000
LIBERTY AVE INTERSECTION CONCRETE REPAIRS			\$275,000					\$275,000
MILWAUKEE RD CONCRETE PAVEMENT REPAIRS			\$213,000	\$213,000				\$426,000
STREET LIGHTING UPDATE				\$155,000				\$155,000
BROAD ST BRIDGE BEARING REPLACEMENT					\$315,000	\$245,000		\$560,000
TOWNLINЕ CURB & GUTTER						\$576,156		\$576,156
LIBERTY AVE TIA : BLUFF - FOURTH						\$22,000		\$22,000
GRAND AVE BRICK PAVERS						\$45,000	\$606,000	\$651,000
EMERSON ST RECONSTRUCTION	\$2,521,400						\$840,000	\$3,361,400
TOTAL STREETS AND INTERSECTIONS	\$4,868,900	\$5,963,997	\$2,710,576	\$1,968,000	\$1,915,000	\$2,488,156	\$3,046,000	\$22,960,629
Total General Obligation Infrastructure Improvements								
	\$5,440,220	\$6,328,997	\$3,045,576	\$2,303,000	\$2,399,500	\$2,823,156	\$3,361,000	\$25,701,449

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total
		2019	2020	2021	2022	2023	2024	Budget
<i>Buildings and Grounds</i>								
Repair and Renovation of Existing Operations								
PARK FACILITIES & AMENITIES ENHANCEMENT	\$100,000	\$320,000	\$250,000	\$250,000	\$250,000	\$250,000		\$1,420,000
RECREATION FACILITY ENHANCEMENTS	\$121,000	\$40,000	\$90,000	\$25,000	\$130,000	\$15,000		\$421,000
CITY OWNED BUILDING EVALUATIONS & REPAIRS	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$875,000
CITY HALL SECURITY IMPROVEMENTS	\$360,000	\$159,000	\$159,000					\$678,000
CITY HALL EXTERIOR REPAIRS		\$89,000						\$89,000
GRINNELL HALL EXTERIOR ENVELOPE REPAIRS		\$250,000						\$250,000
KRUEGER POOL BATH HOUSE ROOF REPLACEMENT		\$124,000						\$124,000
RETARP SHIRLAND AVE. SALT SHED		\$23,000						\$23,000
TRANSIT ROOF REPLACEMENT/FACILITY MAINTENANCE		\$329,000		\$372,000	\$350,000	\$135,000		\$1,186,000
OPERATIONS CONTROL JOINT & MASONRY REPAIRS			\$51,000					\$51,000
TRANSIT FUELING SYSTEM			\$78,000	\$100,000				\$178,000
KRUEGER POOL BATH HOUSE EXTERIOR REPAIRS				\$239,000				\$239,000
TOTAL REPAIR & RENOVATION	\$706,000	\$1,459,000	\$753,000	\$1,111,000	\$855,000	\$525,000	\$125,000	\$5,534,000
GO ENTERPRISE FUND FINANCING								
CEMETERIES REPAIRS	30,000		30,000	20,000	25,000	10,000		\$115,000
KRUEGER GOLF COURSE		30,000	55,000	65,000	105,000	60,000		\$315,000
TOTAL ENTERPRISE FUNDS	\$30,000	\$30,000	\$85,000	\$85,000	\$130,000	\$70,000	\$0	\$430,000
Total Buildings and Grounds	\$736,000	\$1,489,000	\$838,000	\$1,196,000	\$985,000	\$595,000	\$125,000	\$5,964,000

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total Budget
<i>Capital Equipment</i>								
Equipment Replacement								
NEW DUMP BODY FOR TRUCK #583		\$13,500						\$13,500
PORTABLE RADIO REPLACEMENT		\$590,000	\$469,000					\$1,059,000
CITY WIDE CAMERA/SECURITY PROJECT		\$30,000						\$30,000
CITY HALL FIBER SWITCHES		\$30,000						\$30,000
FORUM VIDEO EQUIPMENT REPLACEMENT		\$20,000						\$20,000
ADA VOTING EQUIPMENT REPLACEMENT		\$28,000						\$28,000
TOTAL EQUIPMENT REPLACEMENT	\$0	\$711,500	\$469,000	\$0	\$0	\$0	\$0	\$1,180,500
Vehicle Replacement								
ENGINE 697 REPLACEMENT	\$230,000	\$284,166						\$514,166
REPLACE ZAMBONI		\$107,620						\$107,620
LADDER TRUCK AERIAL PLATFORM REPLACEMENT				\$500,000	\$500,000	\$500,000		\$1,500,000
TRANSIT BUSES			\$516,638	\$532,137	\$1,644,304			\$2,693,079
TOTAL VEHICLE REPLACEMENT	\$230,000	\$391,786	\$1,016,638	\$1,032,137	\$2,144,304	\$0	\$0	\$4,814,865
New Equipment								
SPEED ALERT MESSAGING BOARD			\$7,500					\$7,500
MOBILE FUEL POLISHING SYSTEM			\$22,000					\$22,000
TRAILER MOUNTED LOAD BANKS FOR GENERATORS				\$48,000				\$48,000
TOTAL NEW EQUIPMENT	\$0	\$0	\$29,500	\$48,000	\$0	\$0	\$0	\$77,500
Total Capital Equipment	\$230,000	\$1,103,286	\$1,515,138	\$1,080,137	\$2,144,304	\$0	\$0	\$6,072,865

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
In Concept

Project Title	Prior Adopted							Grand Total
		2019	2020	2021	2022	2023	2024	Budget
Wastewater Treatment								
TURTLE CREEK PUMPSTATION ACCESS ROAD RESURFACING		\$77,000						\$77,000
*2400 SPRINGBROOK ROOF REPLACEMENT		\$205,000						\$205,000
ANOXIC ZONE MIXER REPLACEMENT		\$207,000						\$207,000
BOBCAT TOOLCAT		\$59,000						\$59,000
SANITARY SEWER REPAIR	\$534,000		\$600,000	\$511,000	\$526,000	\$542,000	\$558,000	\$3,271,000
CLARIFIER UPGRADES & REPAIRS	\$150,000		\$314,000	\$191,000	\$191,000	\$196,000		\$1,042,000
WPCF EFFLUENT PHOSPHORUS REDUCTION	\$483,000		\$492,500	\$2,543,000				\$3,518,500
AERATION SYSTEM MEDIUM VOLTAGE DRIVE			\$240,000					\$240,000
NORTH WEST INTERCEPTOR SPLITTER BOX CONSTRUCTION & SLIP LINING			\$300,000					\$300,000
HYPOCHLORITE TANK REPLACEMENT			\$115,000					\$115,000
WASTEWATER TREATMENT	\$1,167,000	\$548,000	\$2,061,500	\$3,245,000	\$717,000	\$738,000	\$558,000	\$9,034,500
Public Water Supply								
*2400 SPRINGBROOK ROOF REPLACEMENT		\$164,000						\$164,000
WELL PUMPING EQUIPMENT	\$108,000		\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000
SUB 6" WATER MAIN REPLACEMENT	\$418,000		\$418,000	\$418,000	\$418,000	\$418,000	\$418,000	\$2,508,000
REPLACE TC HYDRANTS	\$36,225		\$47,000	\$49,000	\$51,000			\$183,225
SHIRLAND AVE EMERGENCY GENERATOR			\$989,400					\$989,400
REPLACE WELL HOUSE #8 STRUCTURE			\$875,000					\$875,000
EAST SIDE NEIGHBORHOOD INITIATIVE WATER MAIN			\$200,000					\$200,000
WATER LEAD SERVICE REPLACEMENT PROGRAM	\$100,000		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
TOTAL PUBLIC WATER SUPPLY	\$662,225	\$164,000	\$2,740,400	\$681,000	\$686,000	\$638,000	\$641,000	\$6,212,625
Storm Water								
STORM SEWER IMPROVEMENTS	\$54,697	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$354,697
*2400 SPRINGBROOK ROOF REPLACEMENT		\$41,000						\$41,000
STORM WATER TMDL COMPLIANCE			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
TOTAL STORM WATER	\$54,697	\$91,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,895,697
Total Water Resources Infrastructure	\$1,883,922	\$803,000	\$5,351,900	\$4,476,000	\$1,953,000	\$1,926,000	\$1,749,000	\$18,142,822

CITY OF BELOIT
 2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
 In Concept

Project Title	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total Budget
<i>Development and Redevelopment</i>								
Other Community Development								
PROPERTY ACQUISITION & DEMOLITION MILWAUKEE ROAD BIKE PEDESTRIAN PATH & LIGHTING	\$220,000	\$250,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,970,000
				\$420,000	\$1,217,000	\$400,000		\$2,037,000
<i>TIF #10</i>								
MILWAUKEE ROAD EXTENSION EAST I39/90		\$140,000						\$140,000
<i>TIF #13</i>								
MILWAUKEE RD GATEWAY CORRIDOR IMPROVEMENT	\$3,706,183	\$55,000						\$3,761,183
Total Development & Redevelopment								
	\$3,926,183	\$445,000	\$300,000	\$720,000	\$1,517,000	\$700,000	\$300,000	\$7,908,183
TOTAL FINANCING OF ISSUE								
		134,870	121,317	104,055	121,913	94,129	442,625	\$ 1,018,908
Total 2019-2024 Projects in Concept								
	\$ 12,216,325	\$ 10,304,153	\$ 11,171,931	\$ 9,879,192	\$ 9,120,717	\$ 6,138,285	\$ 5,977,625	\$ 64,808,227

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2019 GO Borrowing	2020 GO Borrowing	2021 GO Borrowing	2022 GO Borrowing	2023 GO Borrowing	2024 GO Borrowing
TERRACE TREE PLANTING & REMOVAL	330,000	80,000	50,000	50,000	50,000	50,000	50,000
CITY OWNED PARKING LOT REHAB	300,000	50,000	50,000	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 CENTER PARKING LOT SIGNAGE	100,000	20,000	20,000	20,000	20,000	20,000	
SIDEWALK GAP CLOSING PROGRAM	300,000	50,000	50,000	50,000	50,000	50,000	50,000
B-J BIKE TRAIL	149,500				149,500		
STREET MAINTENANCE	9,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
TURN LANES: SIXTH & MIDDLE-SIXTH & NORTH	132,000	132,000					
PRAIRIE AVE RECONSTRUCTION: CRANSTON-HUEBBE	610,000	610,000					
HENRY AVE RESURFACING: PARK - RAILROAD	234,500	234,500					
BELOIT COLLEGE PUBLIC/PRIVATE PARTNERSHIP	250,000	250,000					
KEELER AVE RECON (PARK AVE-WISCONSIN AVE)	288,576		288,576				
HENRY AVE RESURFACING: RIVERSIDE - PARK	207,000		207,000				
HENRY AVE/SHOPIERE RD RESURFACING: ROYCE - PRAIRIE	127,000		127,000				
LIBERTY AVE INTERSECTION CONCRETE REPAIRS	275,000		275,000				
MILWAUKEE RD CONCRETE PAVEMENT REPAIRS	426,000		213,000	213,000			
STREET LIGHTING UPDATE	155,000			155,000			
BROAD ST BRIDGE BEARING REPLACEMENT	560,000				315,000	245,000	
TOWNLIN CURB & GUTTER	576,156					576,156	
LIBERTY AVE TIA : BLUFF - FOURTH	22,000					22,000	
GRAND AVE BRICK PAVERS	651,000					45,000	606,000
EMERSON ST RECONSTRUCTION	840,000						840,000
PARK FACILITIES & AMENITIES ENHANCEMENT	1,295,000	295,000	250,000	250,000	250,000	250,000	
RECREATION FACILITY ENHANCEMENTS	300,000	40,000	90,000	25,000	130,000	15,000	
CITY OWNED BUILDING EVALUATIONS & REPAIRS	750,000	125,000	125,000	125,000	125,000	125,000	125,000
CITY HALL SECURITY IMPROVEMENTS	318,000	159,000	159,000				
CITY HALL EXTERIOR REPAIRS	89,000	89,000					
GRINNELL HALL EXTERIOR ENVELOPE REPAIRS	250,000	250,000					
KRUEGER POOL BATH HOUSE ROOF REPLACEMENT	124,000	124,000					
RETARP SHIRLAND AVE. SALT SHED	23,000	23,000					
OPERATIONS CONTROL JOINT & MASONRY REPAIRS	51,000		51,000				
TRANSIT FUELING SYSTEM	35,600		15,600	20,000			
KRUEGER POOL BATH HOUSE EXTERIOR REPAIRS	239,000			239,000			
CEMETERIES REPAIRS	85,000		30,000	20,000	25,000	10,000	
KRUEGER GOLF COURSE	315,000	30,000	55,000	65,000	105,000	60,000	

CITY OF BELOIT
 2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
 GO, TID, and Utility Revenue Bond BORROWING

Project	Total Borrowing	2019 GO Borrowing	2020 GO Borrowing	2021 GO Borrowing	2022 GO Borrowing	2023 GO Borrowing	2024 GO Borrowing
NEW DUMP BODY FOR TRUCK #583	13,500	13,500					
PORTABLE RADIO REPLACEMENT	1,059,000	590,000	469,000				
CITY WIDE CAMERA/SECURITY PROJECT EXPANSION	30,000	30,000					
CITY HALL FIBER SWITCHES	30,000	30,000					
FORUM VIDEO EQUIPMENT REPLACEMENT	20,000	20,000					
ADA VOTING EQUIPMENT REPLACEMENT	28,000	28,000					
ENGINE 697 REPLACEMENT	284,166	284,166					
REPLACE ZAMBONI	67,620	67,620					
LADDER TRUCK AERIAL PLATFORM REPLACEMENT	1,500,000		500,000	500,000	500,000		
SPEED ALERT MESSAGING BOARD	7,500		7,500				
PROPERTY ACQUISITION & DEMOLITION	1,750,000	250,000	300,000	300,000	300,000	300,000	300,000
MILWAUKEE ROAD BIKE PEDESTRIAN PATH & LIGHTING	2,037,000			420,000	1,217,000	400,000	
<i>Summary Total</i>	26,355,118	5,394,786	4,852,676	4,022,000	4,806,500	3,738,156	3,541,000
FINANCING OF ISSUE							
	1,012,978	134,870	121,317	100,550	120,163	93,454	442,625
TOTAL BORROWING	27,368,096	5,529,656	4,973,993	4,122,550	4,926,663	3,831,610	3,983,625

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, 2018, is estimated at \$82,514,460. Total general obligation debt outstanding \$49,912,060.

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-18
General obligation corporate purpose bonds Series 2009	5/28/2009	5/01/209	1.10% - 4.65%	\$7,057,000	\$1,184,000
2011 State Trust Fund Loan	8/1/2011	5/1/2021	3.75%	\$1,500,000	\$502,307
General obligation refunding bonds Series 2011A	10/12/2011	4/1/2025	2.45%	\$9,701,732	\$4,435,979
General obligation refunding bonds Series 2011B	12/8/2011	3/1/2025	1.00% - 4.10%	\$4,280,000	\$1,865,000
General obligation refunding bonds Series 2012A	6/4/2012	3/1/2032	2.00% - 3.25%	\$7,130,000	\$5,125,000
General obligation refunding bonds Series 2013A	2/13/2013	5/1/2027	2.00% - 3.00%	\$6,729,000	\$3,004,600
General obligation refunding bonds Series 2013C	2/13/2013	5/1/2027	0.55% - 2.50%	\$885,000	\$355,000
General obligation refunding bonds Series 2013D	6/13/2013	4/1/2033	2.00% - 3.375%	\$7,485,000	\$5,065,000
2013 State Trust Fund Loan	8/1/2013	3/15/2023	2.75%	\$547,500	\$352,518
General obligation promissory notes Series 2014A	5/15/2014	5/1/2024	2.00% - 2.40%	\$850,000	\$570,000
General obligation corporate purpose bonds series 2014B	5/15/2014	5/1/2034	2.00% - 3.50%	\$7,777,275	\$6,081,617
General obligation promissory notes Series 2015B	3/19/2015	3/1/2025	0.80% - 2.40%	\$720,000	\$520,000
General obligation corporate purpose bonds series 2015C	3/19/2015	3/1/2035	2.00% - 3.25%	\$2,450,000	\$1,995,000
2015 State Trust Fund Loan	11/23/2015	3/15/2025	3.25%	\$200,000	\$161,952
General obligation promissory notes Series 2016A	5/12/2016	4/1/2026	1.55% - 2.00%	\$1,725,000	\$1,550,000
General obligation corporate purpose bonds series 2016B	5/12/2016	4/1/2036	2.00% - 3.00%	\$3,235,000	\$3,025,000
General obligation promissory notes Series 2017A	6/22/2017	6/1/2027	2.25% - 3.00%	\$1,715,000	\$1,585,000
General obligation corporate purpose bonds series 2017B	6/22/2017	6/1/2037	3.00% - 3.25%	\$4,320,000	\$4,190,000
General obligation promissory notes Series 2018A	4/18/2018	4/1/2028	3.00% - 4.00%	\$2,140,000	\$2,140,000
General obligation corporate purpose bonds series 2018B	4/18/2018	4/1/2038	3.00% - 4.00%	\$3,315,000	\$3,255,000
TOTAL GOVERNMENTAL ACTIVITIES - GENERAL OBLIGATION DEBT					\$46,962,973

BUSINESS TYPE ACTIVITIES GENERAL OBLIGATION DEBT

	Date of Issue	Date Due	Interest Rates	Original Indebtedness	Balance 12-31-18
General obligation corporate purpose bonds Series 2009	5/28/2009	5/1/2029	1.10% - 4.60%	\$333,000	\$166,000
General obligation refunding bonds Series 2011A	10/12/2011	4/1/2025	2.45%	\$1,378,268	\$749,021
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	\$225,400
General obligation refunding bonds Series 2013D	6/13/2013	4/1/2033	2.00% - 3.375%	\$250,000	\$160,000
2013 State Trust Fund Loan	8/1/2013	3/15/2023	2.75%	\$129,600	\$5,283
General obligation promissory notes Series 2014A	5/15/2014	5/1/2024	2.00% - 2.40%	\$270,000	\$165,000
General obligation corporate purpose bonds Series 2014B	5/15/2014	5/1/2034	2.00% - 3.50%	\$387,725	\$293,383
General obligation promissory notes Series 2015B	3/19/2015	3/1/2025	0.80% - 2.40%	\$40,000	\$15,000
General obligation corporate purpose bonds Series 2017B	6/22/2017	6/1/2037	3.00% - 3.25%	\$1,105,000	\$1,000,000
General obligation corporate purpose bonds Series 2018B	4/18/2018	4/1/2038	3.00% - 3.50%	\$60,000	\$60,000
TOTAL BUSINESS TYPE ACTIVITIES - GENERAL OBLIGATION DEBT					\$2,949,087
TOTAL GENERAL OBLIGATION DEBT					\$49,912,060

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 12-31-18
Water Utility					
Revenue Bonds	5/28/2009	11/1/2029	3.50% - 5.00%	\$3,910,000	\$2,450,000
Revenue Bonds	4/6/2010	11/1/2030	2.00% - 4.50%	\$4,025,000	\$2,545,000
Revenue Bonds	2/13/2013	11/1/2019	2.00% - 3.00%	\$5,745,000	\$1,030,000
Revenue Bonds	11/9/2016	11/1/2028	2.25% - 4.00%	\$12,555,000	\$12,510,000
Revenue Bonds	5/3/2018	11/1/2038	3.00% - 4.00%	\$3,980,000	\$3,880,000
Total Water Utility					\$22,415,000
Storm Water Revenue Refunding Bonds	3/4/2015	5/1/2030	2.00% - 3.50%	\$1,225,000	\$1,030,000
Sewer Utility Revenue Bonds	5/11/2011	5/1/2031	2.40%	\$3,481,777	\$2,389,874
Sewer Utility Revenue Bonds	5/3/2018	5/1/2038	3.00% - 4.00%	\$3,760,000	\$3,760,000
TOTAL REVENUE BONDS					\$29,594,874

Long-Term Obligations

Long-term obligations activity for the year ended December 31, 2017 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance	Amounts due within one year
Governmental Activities					
Bonds and Notes Payable:					
General Obligation Debt					
General	\$46,798,538	\$6,035,000	\$6,669,562	\$46,163,976	\$4,596,001
Premium on debt	\$530,646	\$137,161	\$45,112	\$622,695	\$0
Sub-totals	<u>\$47,329,184</u>	<u>\$6,172,161</u>	<u>\$6,714,674</u>	<u>\$46,786,671</u>	<u>\$4,596,001</u>
Other Liabilities:					
Compensated Absences					
Sick Leave	\$1,458,322	\$92,123	\$340,635	\$1,209,810	\$92,123
Vacation	\$1,541,835	\$1,415,522	\$1,541,835	\$1,415,522	\$1,415,522
Other post-employment benefit liability	\$39,538,245	\$3,408,813	\$0	\$42,947,058	\$0
Other Debt					
Town of Turtle	\$40,000	\$0	\$10,000	\$30,000	\$10,000
Capital Leases					
Payable to component unit	\$11,473,188	\$0	\$2,625,160	\$8,848,028	\$3,335,000
Other capital leases	\$302,821	\$0	\$45,433	\$257,388	\$47,338
Net Pension liability (asset)	\$2,906,102	\$0	\$1,439,415	\$1,466,687	\$0
Total other liabilities	<u>\$57,260,513</u>	<u>\$4,916,458</u>	<u>\$6,002,478</u>	<u>\$56,174,493</u>	<u>\$4,899,983</u>
Total Governmental Activities					
Long -Term Liabilities	<u>\$104,589,697</u>	<u>\$11,088,619</u>	<u>\$12,717,152</u>	<u>\$102,961,164</u>	<u>\$9,495,984</u>
	Beginning Balance	Increases	Decreases	Ending Balance	Amounts due within one year
Business - Type Activities					
Bonds and Notes Payable:					
General Obligation Debt					
Revenue Bonds	\$3,715,865	\$1,105,000	\$1,601,046	\$3,219,819	\$330,731
CWFL revenue bond	\$22,315,000	\$0	\$1,365,000	\$20,950,000	\$1,385,000
Add/(Subtract) Deferred Amounts For:					
(Discounts)	\$0	\$0	\$0	\$0	\$0
Premiums	\$1,001,970	\$103,617	\$180,757	\$924,830	\$0
Sub-total	<u>\$29,729,282</u>	<u>\$1,208,617</u>	<u>\$3,298,272</u>	<u>\$27,639,627</u>	<u>\$1,870,835</u>
Other Liabilities:					
Compensated Absences	\$596,029	\$333,416	\$346,908	\$582,537	\$362,238
Other post employment benefit liability	\$179,033	\$0	\$56	\$178,977	\$0
Net Pension liability (asset)	\$504,166	\$0	\$247,324	\$256,842	\$0
Sub-total	<u>\$1,279,228</u>	<u>\$333,416</u>	<u>\$594,288</u>	<u>\$1,018,356</u>	<u>\$362,238</u>
Total Business-type Activities					
Long-Term Liabilities	<u>\$31,008,510</u>	<u>\$1,542,033</u>	<u>\$3,892,560</u>	<u>\$28,657,983</u>	<u>\$2,233,073</u>

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>5% 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>	<i>3.50% Policy Limit</i>
<u>Actual</u>									
2000	1,052,181,500	3.74%	52,609,075	4,905,000	3,863,500	26,795,975	25,813,100	50.9%	2.55%
2001	1,113,497,300	5.83%	55,674,865	6,920,000	6,406,975	27,309,000	28,365,865	49.1%	2.45%
2002	1,165,552,800	4.67%	58,277,640	3,852,675	3,480,775	27,680,900	30,596,740	47.5%	2.37%
2003	1,224,010,800	5.02%	61,200,540	12,088,452	8,344,302	31,425,050	29,775,490	51.3%	2.57%
2004	1,289,346,100	5.34%	64,467,305	8,050,000	6,985,900	32,489,150	31,978,155	50.4%	2.52%
2005	1,387,616,400	7.62%	69,380,820	9,475,000	5,208,548	36,755,602	32,625,218	53.0%	2.65%
2006	1,470,055,900	5.94%	73,502,795	9,165,000	5,013,635	40,906,967	32,595,828	55.7%	2.78%
2007	1,630,887,400	10.94%	81,544,370	16,738,000	5,124,088	52,520,879	29,023,491	64.4%	3.22%
2008	1,718,751,200	5.39%	85,937,560	5,392,520	4,963,601	52,949,798	32,987,762	61.6%	3.08%
2009	1,744,186,100	1.48%	87,209,305	11,295,000	4,394,471	59,850,327	27,358,978	68.6%	3.43%
2010	1,610,889,800	-7.64%	80,544,490	4,765,000	4,667,774	60,565,689	19,978,801	75.2%	3.76%
2011	1,558,718,400	-3.24%	77,935,920	1,500,000	4,680,201	57,385,489	20,550,431	73.6%	3.68%
2012	1,507,977,900	-3.26%	75,398,895	3,858,613	5,157,850	56,086,252	19,312,643	74.4%	3.72%
2013	1,377,134,000	-8.68%	68,856,700	3,684,194	5,070,875	54,699,570	14,157,130	79.4%	3.97%
2014	1,471,696,200	6.87%	73,584,810	3,517,343	5,230,228	52,986,685	20,598,125	72.0%	3.60%
2015	1,557,937,900	5.86%	77,896,895	3,410,000	5,344,095	51,052,590	26,844,305	65.5%	3.28%
2016	1,593,559,300	2.29%	79,677,965	4,960,000	5,498,187	50,514,403	29,163,562	63.4%	3.17%
2017	1,607,119,800	0.85%	80,355,990	7,140,000	8,270,610	49,383,793	30,972,197	61.5%	3.07%
2018	1,650,289,200	2.69%	82,514,460	5,455,000	4,926,733	49,912,060	32,602,400	60.5%	3.02%
<u>Estimated</u>									
2019	1,666,792,092	1.00%	83,339,605	5,529,656	4,950,037	50,491,679	32,847,926	60.6%	3.03%
2020	1,683,460,013	1.00%	84,173,001	4,973,993	5,251,026	50,214,646	33,958,355	59.7%	2.98%
2021	1,700,294,613	1.00%	85,014,731	4,122,550	5,004,953	49,332,243	35,682,488	58.0%	2.90%
2022	1,717,297,559	1.00%	85,864,878	4,926,663	5,384,402	48,874,504	36,990,374	56.9%	2.85%
2023	1,738,763,779	1.25%	86,938,189	3,831,610	5,569,027	47,137,087	39,801,102	54.2%	2.71%
2024	1,760,498,326	1.25%	88,024,916	3,983,625	5,584,340	45,536,372	42,488,544	51.7%	2.59%
2025	1,786,905,801	1.50%	89,345,290	5,000,000	5,987,945	44,548,427	44,796,863	49.9%	2.49%
2026	1,813,709,388	1.50%	90,685,469	5,000,000	5,888,750	43,659,677	47,025,792	48.1%	2.41%
2027	1,840,915,029	1.50%	92,045,751	5,000,000	5,582,490	43,077,187	48,968,564	46.8%	2.34%
2028	1,868,528,754	1.50%	93,426,438	5,000,000	5,277,490	42,799,698	50,626,740	45.8%	2.29%
2029	1,901,228,007	1.75%	95,061,400	5,000,000	4,372,490	43,427,208	51,634,192	45.7%	2.28%
2030	1,934,499,497	1.75%	96,724,975	5,000,000	4,147,490	44,279,719	52,445,256	45.8%	2.29%

DEBT LOAD LIMITATIONS

Descriptions	Targets	2013 ACTUAL	2014 ACTUAL	2015 ACTUAL	2016 Actual	2017 Actual	2018 BUDGET	2019 BUDGET
Ratio of General Obligation Debt to Total Equalized Value	3.0 - 3.5%	3.97%	3.60%	3.34%	3.24%	3.10%	3.11%	3.06%
Obligation Debt Per Capita	\$950 - \$1050	\$1,485.59	\$1,439.07	\$1,386.55	\$1,371.93	\$1,341.22	\$1,355.57	\$1,370.51
Equalized Tax Rate for General Obligation Debt	\$3.80 - \$4.25	\$3.54	\$4.11	\$3.87	\$3.64	\$3.67	\$3.65	\$3.68
Ratio of Annual Debt Payments to Annual Operating Budget	10 - 20%	16.58%	16.82%	17.23%	18.00%	26.99%	15.84%	15.46%
Ratio of Net Debt Levy to Annual Operating Budget	10 - 15%	14.54%	15.40%	15.48%	15.61%	15.82%	15.60%	16.39%
Ratio of Unreserved General Fund Balance to Operating Budget	10 - 15%	27.28%	24.96%	25.82%	27.18%	27.89%	27.49%	26.69%

CITY OF BELOIT

2019 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2902258 CITY TREE PLANTING & REMOVAL					
Department/Division:	Public Works/Parks & Recreation			Responsible Person:	Mark Edwards	
Project Status:	<input type="checkbox"/>	One time project or Item	<input checked="" type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input checked="" type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$82,000

Project Description

Removal of ash and other hazardous trees in the right of way, parks, golf course and cemeteries 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.

Project Justification

2019 will be the final year of the five year plan the City started in 2015. The plan was implemented to give additional money to remove ash tree due to the emerald ash bore. It was estimated that the City had approximately 1,900 ash trees to remove by the end of 2019. Final number of removal at the end of 2017 was 1,387.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Contracted out service, no impact on Parks general fund operating budget. The estimated issuance interest expense for these projects, which are budgeted in the debt service fund in 2019 is \$2,000 and in 2020-2024 is \$1,250, with an estimated 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$120,000	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$450,000
Total	\$120,000	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$450,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5514-Roadway Construction	\$120,000	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$450,000
Total	\$120,000	\$80,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$450,000

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Program: 199 **Sub-Program:** 502

CITY OF BELOIT									
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM									
PROJECT REQUEST									
Project Title:	P2901400 City Owned Parking Lot Rehab								
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch				
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	X	Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.			
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.			
Total Funds Requested in 2019 (Including Issuance Cost)									
\$51,250									
Project 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.									
Project 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 pavements and curbing.									
Operating Impact of Project (Positive - Savings or Negative - Costs)									
No significant impacts, projects could help reduce risk of damage to vehicles and equipment. The estimated issuance interest expense for these projects each year, which are budgeted in the debt service fund is \$1,250 in 2019-2024, with a projected 10 years to pay off each project.									
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Financing Methods (Revenues)									
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total	
4900-GO Debt	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000	
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000	
Outlay Type (Expenditures)									
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total	
5258-In House Engineering	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$35,000	
5511-Construction	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$315,000	
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000	
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Program: 199 **Sub-Program:** 502

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2902268 Sidewalk Improvements						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input checked="" type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$115,500

Project Description

Sidewalk repairs including a small number of handicap ramps.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

No impact on operating budget because the property owner maintains sidewalk by municipal code.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$140,000
4430-Special Assessments	\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$665,000
Total	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$805,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$70,000
5511-Construction	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$735,000
Total	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$805,000

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Program: 199 **Sub-Program:** 502

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970679 City Center Parking Lot Signage						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input type="checkbox"/>	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	X	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$20,500

Project Description

This project will install new signage at the city center parking lots and proved directional signage to the lots too.

Project Justification

A Parking Study of the City Center indicated that the signage at the lots was not adequate for people to identify that parking was present and also indicated that directional signage to the lots was needed.

Operating Impact of Project (Positive - Savings or Negative - Costs)

None. The estimated issuance interest expense for these projects each year, which are budgeted in the debt service fund is \$500 in 2019-2023, with a projected 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000		\$100,000
Total	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$100,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering		\$2,000	\$2,000	\$2,000	\$2,000	\$2,000		\$10,000
5511-Construction		\$18,000	\$18,000	\$18,000	\$18,000	\$18,000		\$90,000
Total	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$100,000

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Program: 199 **Sub-Program:** 502

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970678 Sidewalk Gap Closing Program						
Department/ Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	<input type="checkbox"/>	One time project or Item	<input checked="" type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input checked="" type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$101,250

Project Description

This project will close sidewalk gaps at various locations throughout the City. This is in addition to the sidewalk repair program which is also an annual project. The funds budgeted will be used to assist/match the property owner's contribution as allowed in the City's sidewalk ordinance.

Project Justification

Sidewalk connectivity is an important amenity for a community. Sidewalks provide for safe sustainable transportation through the community. This program is targeting arterial gaps with initial priority given in the areas of schools. Upon completion of gaps on arterials near schools, the local streets with gaps near schools will be completed next.

Operating Impact of Project (Positive - Savings or Negative - Costs)

No impact. The estimated issuance interest expense for these projects each year, which are budgeted in the debt service fund is \$1,250 in 2019-2024 with a projected 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
4430-Special Assessments		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering		\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$48,000
5519-Sidewalks		\$92,000	\$92,000	\$92,000	\$92,000	\$92,000	\$92,000	\$552,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000

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Program: 199 **Sub-Program:** 502

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2902187 Street Maintenance						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$1,537,500

Project Description

Bituminous overlay, crack sealing, 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.

Project Justification

Needed to restore the structural integrity and surface rideability 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 2019 to 2024 is \$37,500 with a projected 20 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,500,000
Total	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,500,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering		\$210,000	\$210,000	\$210,000	\$210,000	\$210,000	\$210,000	\$1,260,000
5514-Roadway Construction	\$1,500,000	\$1,290,000	\$1,290,000	\$1,290,000	\$1,290,000	\$1,290,000	\$1,290,000	\$9,240,000
Total	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$10,500,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2902188 Special Assessment Projects				
Department/Division:	Public Works/Engineering		Responsible Person:	Mike Flesch	
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/> Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input checked="" type="checkbox"/> 3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/> 6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$100,000

Project 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.

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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4430-Special Assessments	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$52,500
5514-Roadway Construction	\$92,500	\$92,500	\$92,500	\$92,500	\$92,500	\$92,500	\$92,500	\$647,500
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$700,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970680 Turn Lanes at; Sixth and Middle , Sixth and North					
Department/ Division:	Public Works/Engineering			Responsible Person:	Mike Flesch	
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$135,300

Project Description

This project will construct designated right turn lanes for westbound traffic on Middle and North Streets at Sixth Street.

Project Justification

With closure of Fourth Street between Middle and North Streets, a Traffic Impact Analysis indicated that these two intersections needed this improvement to maintain traffic flows at an acceptable level after closure.

Operating Impact of Project (Positive - Savings or Negative - Costs)

None. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$3,300 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$132,000						\$132,000
Total	\$0	\$132,000	\$0	\$0	\$0	\$0	\$0	\$132,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional		\$10,000						\$10,000
5258-In House Engineering		\$18,000						\$18,000
5514-Roadway Construction		\$104,000						\$104,000
Total	\$0	\$132,000	\$0	\$0	\$0	\$0	\$0	\$132,000

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Program: 199 **Sub-Program:** 503

CITY OF БЕЛОIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2901470 Prairie Avenue Reconstruction Cranston Road to Huebbe Parkway				
Department/ Division:	Public Works/Engineering		Responsible Person:	Mike Flesch	
Project Status:	One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.
	4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)
\$2,525,747

Project Description

This project will rehabilitate Prairie Avenue from Cranston Rd to Huebbe Pkwy. The design followed DOT process and plan preparation is to DOT standards. A Bike/Pedestrian off road path will be constructed from Cranston Road to Hart Road and will then shift to on street bike lanes from Hart to Huebbe Parkway that matches the section north of Huebbe. Sidewalks will also be added on both sides between Hart and Huebbe. The traffic signals will be moved from the ShopKo entrance to Hart Road. A raised median will be added in a number of locations to improve driver safety.

Project 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 approximately 80% state and federal with the remaining as the local match. Funding capped at \$1,900,497.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 \$15,250 with an estimated 20 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$350,000	\$610,000						\$960,000
4330-State/ Federal Funds		\$1,900,497						\$1,900,497
Total	\$350,000	\$2,510,497	\$0	\$0	\$0	\$0	\$0	\$2,860,497

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240- Professional	\$326,000							\$326,000
5258-In House Engineering	\$24,000	\$10,000						\$34,000
5514-Roadway Construction		\$2,500,497						\$2,500,497
Total	\$350,000	\$2,510,497	\$0	\$0	\$0	\$0	\$0	\$2,860,497

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2905661 Henry Avenue Resurfacing between Park Ave and Rail Road				
Department/Division:	Public Works/Engineering		Responsible Person:	Mike Flesch	
Project Status:	X	One time project or Item		Multi-Year Project of Item	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	X
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.	
					3. Create and sustain economic and residential growth.
					6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$240,363

Project Description

This project will mill 2" and overlay the surface of Henry Avenue between Park Avenue and the Rail Road Tracks (2655'). Spot curb and gutter repair will take place. Pavement Marking will be re-installed.

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. This should improve the ride and extend the life of the roadway another 15 years of so. State and Federal funds are Local Road Improvement Program (LRIP) entitlement funds

Operating Impact of Project (Positive - Savings or Negative - Costs)

No impact. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$8,050 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$21,500	\$234,500						\$256,000
4330-State/Federal Funds		\$87,000						\$87,000
Total	\$21,500	\$321,500	\$0	\$0	\$0	\$0	\$0	\$343,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering	\$21,500	\$21,500						\$43,000
5511-Construction		\$300,000						\$300,000
Total	\$21,500	\$321,500	\$0	\$0	\$0	\$0	\$0	\$343,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2971635 Beloit College Public/Private Partnership						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$256,250

Project Description

The Hawk will construct a mid block signalized pedestrian crossing of Pleasant Street near the Powerhouse Riverwalk. The additional funds for the Powerhouse Riverwalk will be used to close the funding gap for construction of the walkway.

Project Justification

The Hawk will provide a safe at grade crossing of Pleasant Street at the Powerhouse for college students and the public. Funding is \$250,000 from Beloit College and \$900,000 Department of Natural Resources (DNR) Grant

Operating Impact of Project (Positive - Savings or Negative - Costs)

Either option will increase maintenance costs. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$6,250 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
Maintenance costs	\$0	-\$5,000	-\$5,000	-\$5,000	-\$5,000	-\$5,000	-\$25,000
Total	\$0	-\$5,000	-\$5,000	-\$5,000	-\$5,000	-\$5,000	-\$25,000

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$250,000	\$250,000						\$500,000
4330-State/Federal Funds		\$900,000						\$900,000
4501- Other		\$250,000						\$250,000
Total	\$250,000	\$1,400,000	\$0	\$0	\$0	\$0	\$0	\$1,650,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511-Construction	\$250,000	\$1,400,000						\$1,650,000
Total	\$250,000	\$1,400,000	\$0	\$0	\$0	\$0	\$0	\$1,650,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2903529 Keeler Avenue Reconstruction (Park Ave-Wisconsin Ave)					
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch	
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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 2020 allows for the evaluation and inclusion of underground utilities.

Project Justification

The pavement is in poor condition and needs replacement.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Will reduce the need for patching pot holes. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$7,250 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$36,000		\$288,576					\$324,576
Total	\$36,000	\$0	\$288,576	\$0	\$0	\$0	\$0	\$324,576

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional	\$10,000							\$10,000
5258-In House Engineering	\$26,000		\$22,000					\$48,000
5511-Construction			\$266,576					\$266,576
Total	\$36,000	\$0	\$288,576	\$0	\$0	\$0	\$0	\$324,576

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Henry Avenue Resurfacing between Riverside Drive and Park Avenue						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input checked="" type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

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Project 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.

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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 is \$5,175 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt			\$207,000					\$207,000
Total	\$0	\$0	\$207,000	\$0	\$0	\$0	\$0	\$207,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering			\$22,000					\$22,000
5514-Roadway Construction			\$185,000					\$185,000
Total	\$0	\$0	\$207,000	\$0	\$0	\$0	\$0	\$207,000

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Program: 199 _____ **Sub-Program:** 503 _____

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2902059 Henry Avenue/Shopiere Road Resurfacing between Royce and Prairie						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	X	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

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

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
Maintenance	\$0	-\$1,000	-\$1,000	-\$1,000	-\$1,000	-\$1,000	-\$5,000
Total	\$0	-\$1,000	-\$1,000	-\$1,000	-\$1,000	-\$1,000	-\$5,000

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$90,000		\$127,000					\$217,000
Total	\$90,000	\$0	\$127,000	\$0	\$0	\$0	\$0	\$217,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering	\$30,000		\$12,000					\$42,000
5510-Land Acq/Relocate	\$60,000							\$60,000
5514-Roadway Construction			\$115,000					\$115,000
Total	\$90,000	\$0	\$127,000	\$0	\$0	\$0	\$0	\$217,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Milwaukee Road Concrete Pavement Repairs				
Department/Division:	Public Works/Engineering		Responsible Person:	Mike Flesch	
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item
Focus Area(s) Addressed:	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.
Strategic Plan Goal	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.
	<input type="checkbox"/>			<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>			<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

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Project 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.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Will reduce the need for patching pot holes. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2020 and 2021 is \$5,325 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt			\$213,000	\$213,000				\$426,000
Total	\$0	\$0	\$213,000	\$213,000	\$0	\$0	\$0	\$426,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering			\$30,000	\$30,000				\$60,000
5514-Roadway Construction			\$183,000	\$183,000				\$366,000
Total	\$0	\$0	\$213,000	\$213,000	\$0	\$0	\$0	\$426,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	Street lighting Update							
Department/ Division:	Public Works/Engineering			Responsible Person:	Mike Flesch			
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.	X	3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
Project 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.								
Project 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.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2021 is \$3,875 with an estimated 10 years to pay off the project.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt				\$155,000				\$155,000
Total	\$0	\$0	\$0	\$155,000	\$0	\$0	\$0	\$155,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511-Construction				\$155,000				\$155,000
Total	\$0	\$0	\$0	\$155,000	\$0	\$0	\$0	\$155,000
		OK	OK	OK	OK	OK	OK	OK

Program: 199 _____ **Sub-Program:** 503 _____

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Broad Street Bridge Bearing Replacement				
Department/Division:	Public Works/Engineering		Responsible Person:	Mike Flesch	
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.
	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$322,875

Project Description

This project will replace abutment bearings, replace strip seals, and rebuild approach slabs to extend the service life of the structure. Westbound lanes one year, Eastbound the second. Partial depth deck repair will also be completed while the section is closed to traffic for the westbound lanes

Project Justification

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

Operating Impact of Project (Positive - Savings or Negative - Costs)

No impact. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2022 is \$7,875 and in 2023 is \$6,125 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt					\$315,000	\$245,000		\$560,000
Total	\$0	\$0	\$0	\$0	\$315,000	\$245,000	\$0	\$560,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering					\$5,000	\$5,000		\$10,000
5514-Roadway Construction					\$310,000	\$240,000		\$550,000
Total	\$0	\$0	\$0	\$0	\$315,000	\$245,000	\$0	\$560,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2905660 Townline Curb and Gutter - Shirland to St. Lawrence					
Department/ Division:	Public Works/Engineering			Responsible Person:	Mike Flesch	
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.	X	3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2023 is \$14,400 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt						\$576,156		\$576,156
Total	\$0	\$0	\$0	\$0	\$0	\$576,156	\$0	\$576,156

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering						\$24,000		\$24,000
5511-Construction						\$552,156		\$552,156
Total	\$0	\$0	\$0	\$0	\$0	\$576,156	\$0	\$576,156

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Liberty Ave. TIA Bluff to Fourth						
Department/ Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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.

Project Justification

Liberty at Fourth is being considered to be redesigned as a free flowing curve instead of a signalized intersection. This Traffic Improvement Association (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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2023 is \$875 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt						\$22,000		\$22,000
Total	\$0	\$0	\$0	\$0	\$0	\$22,000	\$0	\$22,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional						\$20,000		\$20,000
5258-In House Engineering						\$2,000		\$2,000
Total	\$0	\$0	\$0	\$0	\$0	\$22,000	\$0	\$22,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Grand Ave Brick Pavers						
Department/ Division:	Public Works/Engineering		Responsible Person:	Mike Flesch			
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	X	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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 2023 with construction in 2024.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2023 is \$1,125 and in 2024 is \$15,150, with an estimated 20 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt						\$45,000	\$606,000	\$651,000
Total	\$0	\$0	\$0	\$0	\$0	\$45,000	\$606,000	\$651,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240- Professional						\$5,000		\$5,000
5258-In House Engineering						\$40,000	\$45,000	\$85,000
5514-Roadway Construction							\$561,000	\$561,000
Total	\$0	\$0	\$0	\$0	\$0	\$45,000	\$606,000	\$651,000

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT					
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM					
PROJECT REQUEST					
Project Title:	P2903466 Emerson St: Reconstruction				
Department/ Division:	Public Works/Engineering	Responsible Person:		Mike Flesch	
Project Status:	One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	X	3. Create and sustain economic and residential growth.
	4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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 2024.

Project Justification

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

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 in 2024 is \$21,000 with an estimated 20 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
Electricity	\$0	\$0	\$0	\$0	\$0	-\$1,800	-\$1,800
Total	\$0	\$0	\$0	\$0	\$0	-\$1,800	-\$1,800

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$2,521,400						\$840,000	\$3,361,400
Total	\$2,521,400	\$0	\$0	\$0	\$0	\$0	\$840,000	\$3,361,400

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional	\$42,400							\$42,400
5258-In House Engineering	\$386,000						\$60,000	\$446,000
5514-Roadway Construction	\$2,093,000						\$780,000	\$2,873,000
Total	\$2,521,400	\$0	\$0	\$0	\$0	\$0	\$840,000	\$3,361,400

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Program: 199 **Sub-Program:** 503

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2910450 Park Amenities & Enhancements				
Department/Division:	DPW/Parks & Recreation		Responsible Person:	Mark Edwards	
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/> Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$302,375

Project Description

2019 - TURTLE CREEK PARK - Renovations to park and facilities = \$133,640. 2019 - Freeman, Hinckley & Lesson Park - Develop Park Master Plan: \$15,000. 2019 - Vernon Park - Splash Pad: \$75,000. 2019 - Brown Hatchett - new playground & landscaping shade trees: \$40,000. 2019 - Hilliard Park - renovate shelter: \$30,000. 2019 - Summitt Park - renovate shelter: \$25,000. 2019 - Horace White Park - sign improvements: \$15,000. 2019 - Field Park - Landscaping & Lighting: \$25,000. 2019 - Christilla Park - new shelter: \$50,000. 2019-Big Hill, Merrill & Hinckley Park - ADA Accessibility: \$15,000. 2019-Harper's Prairie - Install environmental signage & park furnishings: \$10,000. 2019-Hilliard Park - site furnishings, new park benches, picnic tables: \$10,000. 2019-Riverwalk - repair flatwork concrete where needed: \$10,000.

2020 - Big Hill Park - Woodland Trail retaining wall: \$80,000. 2020 - Field Park - upgrade lighting: \$75,000. 2020 - Hinckley Park - add picnic shelter: \$50,000. 2020 - Horace White Park - sidewalk improvements w/ADA accessible route thru park: \$105,000. 2020 - Krueger Park - reconfigure park entrance to the south: \$150,000. 2020 - Lesson Park - remodel/replace shelter/building: \$100,000. 2020 - Lesson Park - ball field backstop, plaza & lighting upgrade (2 fields): \$200,000. 2020 - Pride Park - new playground: \$40,000. 2020 - Riverside Park - upgrade & improve lower Moore concession & restrooms: \$50,000. 2020 - Riverside Park - replace light bulbs with new LED lighting: \$100,000. 2021 - Big Hill Park - amphitheater renovation: \$10,000. 2021 - Hilliard Park - install new baseball backstop NE corner: \$10,000. 2021 - Hinckley Park - add walking/bike path: \$75,000. 2021 - Hope Park - construct new park entrance w/landscaping & park furnishings: \$10,000. 2021 - Horace White Park - replace playground: \$75,000. 2021 - Krueger park - erosion control (lower level): \$60,000. 2021 - Lee Lane Park - develop master plan, landscape design, install walking path & site furnishings: \$70,000. 2021 - Lesson 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 - Wootton Park - picnic shelter/gazebo, tennis court w/upgrade 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, new park benches, picnic tables, signage, litter cans, bike racks: \$10,000. 2022 - Freeman Park - install playground: \$40,000. 2022 - Hilliard 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 basketball 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 field, soccer & softball play: \$75,000. 2023 - Horace White Park - ramble walkway picnic area w/rock outcroppings: \$40,000. 2023 - Horace White Park - garden area w/relocated cannon: \$80,000. 2023 - Krueger Park - re-cap & 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), 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.

1. To better meet the needs our citizens and diversify our park amenities, building a splash pad in Vernon Park in lieu of replacing the playground in Brooks Street Park would help accomplish this goal. Moreover, there are 2 1/2 playgrounds at Hackett School 1/2 block away. Additionally, there is a new playground in Vernon Park 3 blocks from Brooks Street Park. 2. The playground in Brown-Hatchett Park is demonstrating considerable wear and tear and as a result safety is a concern. 3. The shelters in Hilliard and Summit Parks are in need of upgrading and repair. By doing so will enhance the shelters and improve revenue through increased rentals. 4. Improving the signage in Horace White Park will help direct residents and visitors throughout the park and share the park's history. 5. Being a park close to downtown, improved landscaping will enhance the downtown experience for both residents and visitors alike. Additionally, improved lighting will enhance park safety. 6. Christilla is considered a neighborhood park that experiences strong use. Building a shelter would enhance the park and improve revenue through rental permits. 7. Building sidewalks to playgrounds in Merrill, Big Hill and Hinckley Parks is critical as the city continues to meet ADA accessibility requirements. 8. To improve residents experience in Brown-Hatchett Park, planting trees will help accomplish this goal. 9. The Park and Recreation Division is committed to enhancing our native prairies throughout Beloit. In doing so, Interpretive signage and park furnishings at Harper's Prairie will enhance residents and visitors experience and knowledge about the park. 10. Hilliard Park's furnishings are in poor condition and in need of upgrading. 11. To ensure the safety of our residents and visitors in Riverside Park, it is important we continue to replace sidewalks and walking paths that do not meet city code. 12. To better meet the needs of our residents and visitors and to enhance the city's ability to program our parks and facilities, developing master park plans for Hinckley, Freeman and Leeson Parks will help us meet those goals.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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. \$25,000 will come from Park Impact Fees for 2019. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$7,375 and in 2020-2023 is \$6,250 with an estimated 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$100,000	\$295,000	\$250,000	\$250,000	\$250,000	\$250,000		\$1,395,000
4501- Other		\$25,000						\$25,000
Total	\$100,000	\$320,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,420,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511- Construction	\$100,000	\$320,000	\$250,000	\$250,000	\$250,000	\$250,000		\$1,420,000
Total	\$100,000	\$320,000	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$1,420,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2910575 Recreation Facility Enhancements				
Department/ Division:	Public Works/Parks & Leisure Services	Responsible Person:	Mark Edwards		
Project Status:	One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$41,000

Project Description

2019 - Krueger pool - Paint Main Pool: \$25,000. 2019 - Grinnell Hall - Replace Carpeting: \$15,000. 2020 - Edawrd's ice rink - construct board storage room: \$50,000. 2020 - Krueger pool - renovate bath house: \$40,000. 2021 - Krueger pool - renovate concession area: \$25,000. 2022 - Edward's Ice rink - paint ceiling, pavilion: \$30,000. 2022 - Krueger pool - replace perimeter fencing: \$100,000. 2023 - Edward's Pavilion - replace fencing with

Project Justification

Grinnell Hall: The carpeting in Grinnell Hall is over 30 years old. It is demonstrating considerable wear and tear. Additionally, it is becoming unsanitary. Krueger Pool: The paint in the main pool is beginning to chip and flake off. Additionally, the lines for the swim lanes are faded and almost gone.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 this project, which is budgeted in the debt service fund in 2019 is \$1,000, in 2020 is \$2,250, in 2021 is \$625, in 2022 is \$3,250 and in 2023 is \$375, with an estimated 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$121,000	\$40,000	\$90,000	\$25,000	\$130,000	\$15,000		\$421,000
Total	\$121,000	\$40,000	\$90,000	\$25,000	\$130,000	\$15,000	\$0	\$421,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional	\$10,000							\$10,000
5258-In House Engineering	\$6,000							\$6,000
5511-Construction	\$105,000	\$40,000	\$90,000	\$25,000	\$130,000	\$15,000		\$405,000
Total	\$121,000	\$40,000	\$90,000	\$25,000	\$130,000	\$15,000	\$0	\$421,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970666 City Owned Building Repairs & Evaluations				
Department/Division:	Public Works/Engineering		Responsible Person:	Mike Flesch	
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/> Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/> 3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/> 6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$128,125

Project 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.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Cut annual maintenance costs. The estimated issuance interest expense for these projects, which are budgeted in the debt service fund in 2019-2024 is \$3,125 with an estimated 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$875,000
Total	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$875,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional	\$17,300	\$17,300	\$17,300	\$17,300	\$17,300	\$17,300	\$17,300	\$121,100
5258-In House Engineering	\$15,100	\$15,100	\$15,100	\$15,100	\$15,100	\$15,100	\$15,100	\$105,700
5511-Construction	\$92,600	\$92,600	\$92,600	\$92,600	\$92,600	\$92,600	\$92,600	\$648,200
Total	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$875,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2913663 City Hall Security Improvements							
Department/ Division:	City Manager/City Hall			Responsible Person:	Mike Flesch & Lori Curtis Luther			
Project Status:		One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.	X	2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
\$162,975								
Project 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.								
Project 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.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
No impact. The estimated issuance interest expense for these projects, which are budgeted in the debt service fund in 2019-2020 is \$3,975 with an estimated 10 years to pay off each project.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$360,000	\$159,000	\$159,000					\$678,000
Total	\$360,000	\$159,000	\$159,000	\$0	\$0	\$0	\$0	\$678,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional	\$46,050	\$11,050	\$11,050					\$68,150
5258-In House Engineering	\$10,000	\$12,500	\$12,500					\$35,000
5511-Construction	\$303,950	\$135,450	\$135,450					\$574,850
Total	\$360,000	\$159,000	\$159,000	\$0	\$0	\$0	\$0	\$678,000
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Program: 399

Sub-Program: 510

CITY OF БЕЛОIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2939681 City Hall Exterior Repairs							
Department/Division:	Public Works/Facilities			Responsible Person:	Jodine Saunders			
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed:		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.		
Strategic Plan Goal		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
\$91,225								
Project Description								
This project replaces broken bricks caused by leaking roofs. It also replaces the brick joint sealer and paints lintels.								
Project Justification								
Broken bricks allow moisture to infiltrate the wall system eventually causing failure. Poorly maintained joint sealer does the same. Painting of the lintels are more than cosmetic. If they are allowed to rust they will eventually fail.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
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 an estimated 10 years to pay off the project.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$89,000						\$89,000
Total	\$0	\$89,000	\$0	\$0	\$0	\$0	\$0	\$89,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional		\$7,000						\$7,000
5258-In House Engineering		\$7,000						\$7,000
5511-Construction		\$75,000						\$75,000
Total	\$0	\$89,000	\$0	\$0	\$0	\$0	\$0	\$89,000
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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2939682 Grinnell Exterior Envelope Repairs						
Department/Division:	Public Works/Facilities			Responsible Person:	Jodine Saunders		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$256,250

Project 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.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 \$6,250 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$250,000						\$250,000
Total	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional Srv		\$14,000						\$14,000
5258-In House Engineering		\$10,000						\$10,000
5511-Construction		\$226,000						\$226,000
Total	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970683 Krueger Pool Bath House Roof Replacement					
Department/Division:	Public Works/Facilities			Responsible Person:	Jodine Saunders	
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$127,100

Project Description

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

Project Justification

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

Operating Impact of Project (Positive - Savings or Negative - Costs)

Should reduce repair costs. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$3,100 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$124,000						\$124,000
Total	\$0	\$124,000	\$0	\$0	\$0	\$0	\$0	\$124,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional		\$7,000						\$7,000
5258-In House Engineering		\$7,000						\$7,000
5511-Construction		\$110,000						\$110,000
Total	\$0	\$124,000	\$0	\$0	\$0	\$0	\$0	\$124,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970684 Shirland Ave. Salt Shed - New skin					
Department/Division:	DPW/Operations			Responsible Person:	Jodine Saunders	
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$23,575

Project Description

Salt shed on Westside (Shirland Ave) needs retarped.

Project Justification

The tarps on the Shirland Ave salt shed have damage and is at the end of its useful life. Have had repaired but now it needs to be replaced because it is causing problems with water getting into the salt.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Save on loss of salt. The estimated issuance interest expense for this project, which is budgeted in the debt service fund in 2019 is \$575 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$23,000						\$23,000
Total	\$0	\$23,000	\$0	\$0	\$0	\$0	\$0	\$23,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511-Construction		\$23,000						\$23,000
Total	\$0	\$23,000	\$0	\$0	\$0	\$0	\$0	\$23,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2511263 Transit Garage Facility Maintenance							
Department/Division:	Public Works/Transit			Responsible Person:	Michelle Gavin			
Project Status:	<input type="checkbox"/>	One time project or Item	<input checked="" type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item		
Focus Area(s) Addressed:	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.		
Strategic Plan Goal	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
\$329,000								
Project 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. 2019 - \$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 has reached the end of its life. 2021 Building Envelope (windows, doors, entrance, caulking, sills, flashing) (\$45,000). 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.								
Project 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.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
Procurements purchased under the operating budget receive only 53 % federal/state funding. The roof has reached the end of its life. The City has been notified that WisDOT will be funding the 2019 roof replacement portion of the project (pass through funding with 80 % federal match).								
Expenditure or Savings		2019	2020	2021	2022	2023	2024	Grand Total
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999 - Fund Balance		\$65,800		\$74,400	\$70,000	\$27,000		\$237,200
4330-State/Federal Funds		\$263,200		\$297,600	\$280,000	\$108,000		\$948,800
Total	\$0	\$329,000	\$0	\$372,000	\$350,000	\$135,000	\$0	\$1,186,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional				\$21,000				\$21,000
5258-In House Engineering				\$20,000				\$20,000
5511-Construction		\$329,000		\$206,000	\$350,000	\$135,000		\$1,020,000
5533-Vehicle/Equip/Software				\$125,000				\$125,000
Total	\$0	\$329,000	\$0	\$372,000	\$350,000	\$135,000	\$0	\$1,186,000
		OK	OK	OK	OK	OK	OK	OK

Program: 399 _____ Sub-Program: 510 _____

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Operations Control Joint and Various Masonry Repairs						
Department/Division:	Public Works/Facilities			Responsible Person:	Jodine Saunders		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

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

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 \$1,250 with an estimated 10 years to pay off the project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt			\$51,000					\$51,000
Total	\$0	\$0	\$51,000	\$0	\$0	\$0	\$0	\$51,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional			\$4,000					\$4,000
5258-In House Engineering			\$3,000					\$3,000
5511-Construction			\$44,000					\$44,000
Total	\$0	\$0	\$51,000	\$0	\$0	\$0	\$0	\$51,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	Transit Fueling System						
Department/ Division:	Public Works/Transit			Responsible Person:	Michelle Gavin		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

The federal government provides 80% of cost and the city is responsible for the remaining 20%. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund in 2020 is \$390 and in 2021 is \$500 with an estimated 10 years to pay off the equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt			\$15,600	\$20,000				\$35,600
4330-State/Federal Funds			\$62,400	\$80,000				\$142,400
Total	\$0	\$0	\$78,000	\$100,000	\$0	\$0	\$0	\$178,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/Equip/Software			\$78,000	\$100,000				\$178,000
Total	\$0	\$0	\$78,000	\$100,000	\$0	\$0	\$0	\$178,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2210631 Cemetery Repairs & Improvements					
Department/ Division:	Public Works/Parks & Leisure Services			Responsible Person:	Mark Edwards	
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input checked="" type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$25,625

Project Description

2020 - Oakwood - renovate entrance of Milwaukee road: \$30,000. 2021 - Eastlawn - renovate office parking lot: \$20,000. 2022 - Eastlawn - Install columbarium wall: \$25,000. 2023 - Eastlawn - design & install pet cemetery: \$10,000.

Project Justification

Replacing deteriorated roadways is important to the overall maintenance and upkeep of the cemetery infrastructure. Moreover, well maintained roadways play an important role in creating a positive experience during visitations and funerals.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 are budgeted in the debt service fund in 2020 is \$750, in 2021 is \$500, in 2022 is \$625 and in 2023 is \$250, with an estimated 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$30,000		\$30,000	\$20,000	\$25,000	\$10,000		\$115,000
Total	\$30,000	\$0	\$30,000	\$20,000	\$25,000	\$10,000	\$0	\$115,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511- Construction	\$30,000		\$30,000	\$20,000	\$25,000	\$10,000		\$115,000
Total	\$30,000	\$0	\$30,000	\$20,000	\$25,000	\$10,000	\$0	\$115,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2173636 KRUEGER HASKELL GOLF COURSE ENHANCEMENT					
Department/Division:	Public Works/Parks & Leisure services	Responsible Person:	Mark Edwards			
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$30,750

Project Description

2019 - Krueger Golf Clubhouse, replace carpeting: \$30,000. 2020 - remodel clubhouse restroom: \$30,000. 2020 - pave maintenance shop lot: \$25,000. 2021 - vinyl side clubhouse: \$50,000. 2021 - install new outdoor patio: \$15,000. 2022 - replace tee box signs: \$30,000. 2022 - replace cart paths: \$75,000. 2023 - parking lot retaining wall: \$50,000. 2023 - purchase new patio furnishings: \$10,000.

Project Justification

The clubhouse carpeting is 28 years old and is demonstrating considerable wear and tear. Additionally, the carpet is outdated. Updating the carpeting will not only enhance a golfer's experience at the golf course but allow us to better market the clubhouse for other events such as weddings and baby showers. The end result will be generating more revenue.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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 are budgeted in the debt service fund in 2019 is \$750, in 2020 is \$1,375, in 2021 is \$1,625, in 2022 is \$2,625 and in 2023 is \$1,500, with an estimated 10 years to pay off each project.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$30,000	\$55,000	\$65,000	\$105,000	\$60,000		\$315,000
Total	\$0	\$30,000	\$55,000	\$65,000	\$105,000	\$60,000	\$0	\$315,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511-Construction		\$30,000	\$55,000	\$65,000	\$75,000	\$50,000		\$275,000
5533-Vehicle/Equip/Software					\$30,000	\$10,000		\$40,000
Total	\$0	\$30,000	\$55,000	\$65,000	\$105,000	\$60,000	\$0	\$315,000

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Program: 399 **Sub-Program:** 510

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970685 Replace Dump Body/Box for truck #583						
Department/Division:	DPW/Operations			Responsible Person:	Jodine Saunders		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$13,838

Project Description

Replace the dump body on truck #583 to prolong its usefulness in our fleet.

Project Justification

#583 is a 1999 Tandem dump truck with 95,000 miles the chassis and drive train has life left but the dump box is rusted through. This truck plays a major role in snow removal and heavy hauling during the summer months.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Extend the life of the truck. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$337 in 2019 with a projected 10 years to pay off the equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$13,500						\$13,500
Total	\$0	\$13,500	\$0	\$0	\$0	\$0	\$0	\$13,500

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/Equip/Software		\$13,500						\$13,500
Total	\$0	\$13,500	\$0	\$0	\$0	\$0	\$0	\$13,500

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Program: 499 **Sub-Program:** 511

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2963686 Portable Radio Replacement					
Department/ Division:	Police & Fire			Responsible Person:	Chief Zibolski	
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input checked="" type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)
\$604,750

Project Description

The police department and fire department propose to replace their existing single band portable radios with dual-banded (P25) portable radios to provide public safety interoperability. The current radios are six years old and have an expected life of five to seven years.

Police - 90 portable radios , projected total \$590,000 Fire - 80 portable radios, projected total \$469,000 Grand Total: \$1,059,000

Project Justification

The current portable (handheld) radios utilized by the police and fire departments do not provide interoperability due to their single band capacity limitations. Public safety interoperability requires the ability to communicate across various platforms (UHF, VHF,800 MHz) and systems to ensure communications between other public safety entities during a disaster, act of terrorism, mutual aid requests, civil disturbances or critical incidents. In order to establish this functionality, the current single band radios must be replaced. See attached report**

Operating Impact of Project (Positive - Savings or Negative - Costs)

This project will result in negative fiscal impact, but positive impact in terms of public safety. In addition, the evolution of interoperability communications and statewide 800 MHz systems are the norm in adjoining states (IL, MN, & MI). Wisconsin's system is identified as WISCOM. The cost to procure dual banded portable radios will likely increase over time. There is discount pricing for combined bulk purchases. Each device would have a 3 year warranty. Annual maintenance would begin in 2023 at a projected total of \$19,000. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$14,750 in 2019 and \$11,725 in 2020 with a projected 20 years to pay off the equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
Annual maintenance	\$0	\$0	\$0	\$0	-\$19,000	-\$19,000	-\$38,000
Total	\$0	\$0	\$0	\$0	-\$19,000	-\$19,000	-\$38,000

Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$590,000	\$469,000					\$1,059,000
Total	\$0	\$590,000	\$469,000	\$0	\$0	\$0	\$0	\$1,059,000

Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/ Equip/Software		\$590,000	\$469,000					\$1,059,000
Total	\$0	\$590,000	\$469,000	\$0	\$0	\$0	\$0	\$1,059,000

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Program: 499 **Sub-Program:** 511

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2954687 City wide camera/security project expansion						
Department/Division:	Information Technology			Responsible Person:	Ray Gorsline		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$30,750

Project Description

This project involves cleaning, repairing, or replacing City wide security surveillance cameras and outdated Digital Video Recorder (DVR) equipment.

Project Justification

The City wide camera system resides on an older XP server that is vulnerable to security issues. The cameras are blurry at best and are almost unusable for distinguishing subject’s features. Cameras on the system have gone offline and server restarts take over 14 minutes of non-recordable time to recover. Video recordings are also choppy and rarely yield usable results.

Operating Impact of Project (Positive - Savings or Negative - Costs)

No impact. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$750 in 2019 with a projected 10 years to pay off the equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$30,000						\$30,000
Total	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/Equip/Software		\$30,000						\$30,000
Total	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000

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Program: 499 **Sub-Program:** 511

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2953688 Cisco Fiber Switch Closet Replacements							
Department/ Division:	Information Technology			Responsible Person:	Ray Gorsline			
Project Status:	<input checked="" type="checkbox"/>	One time project or Item			Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
\$30,750								
Project Description								
This project involves replacing all of the 9-12 year old switches in the City Hall Network closets.								
Project Justification								
Each of the departments at City Hall have redundant switches that keep connections with the servers in the Network Operations Center on the first floor. The switches are no longer serviceable and have reached end of life with the vendor. The switches are slow and could go offline at any time, creating unnecessary downtime for the City and create an immediate expense impact. There are also plans to host an Emergency Operations Center (EOC) at City Hall 4th Floor and the existing units will not be fast enough to process the throughput.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$750 in 2019 with a projected 10 years to pay off the equipment.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$30,000						\$30,000
Total	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/ Equip/Software		\$30,000						\$30,000
Total	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
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Program: 499 **Sub-Program:** 511

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2963030 Engine 697 Replacement						
Department/ Division:	Fire			Responsible Person:	Bradley Liggett		
Project Status:	<input type="checkbox"/>	One time project or Item	<input checked="" type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)
\$291,270

Project 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.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Replacing these engines will reduce these costs and increase safety, efficiency, and above all reliability. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$7,100 in 2019 with a projected 10 years to pay off the equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt	\$230,000	\$284,166						\$514,166
Total	\$230,000	\$284,166	\$0	\$0	\$0	\$0	\$0	\$514,166

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5531-Vehicle over \$1,000	\$230,000	\$284,166						\$514,166
Total	\$230,000	\$284,166	\$0	\$0	\$0	\$0	\$0	\$514,166

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Program: 499 **Sub-Program:** 512

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2970691 Ice Rink Zamboni				
Department/Division:	DPW: Parks and Recreation		Responsible Person:	Mark Edwards	
Project Status:	X	One time project or Item		Multi-Year Project of Item	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.	X	2. Create and sustain a "high performing organization".	3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$69,311

Project Description

Replace the Ice Rink Zamboni with the latest and most up to date technology available. The function of the Zamboni is to maintain the ice sheet in 2 ways. First, the Zamboni is critical in maintaining a quality sheet of ice that is not only playable, but safe.. Second, the Zamboni is important in maintaining the proper ice sheet thickness. Ice that is too thick causes undue stress on the compressor system resulting in increased operating cost and ice that is too thin can become a safety hazard.

Project Justification

The overall maintenance cost the past 5 years is \$32, 397. This averages to \$6,479 per year. Additionally, this Zamboni was purchased in 2005 and is beginning to demonstrate a lot of wear and tear. As this wear and tear continues there will be a higher incident of breakdowns resulting in an increase in overall maintenance cost.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Replacing the Zamboni will not only reduce operating costs but maintenance cost as well. \$40,000 will come from the equipment replacement fund and the remainder will be borrowed for. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$1,690 in 2019 with a projected 10 years to pay off the equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt		\$67,620						\$67,620
4999-Equipment		\$40,000						\$40,000
Total	\$0	\$107,620	\$0	\$0	\$0	\$0	\$0	\$107,620

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5531-Vehicle over \$1,000		\$107,620						\$107,620
Total	\$0	\$107,620	\$0	\$0	\$0	\$0	\$0	\$107,620

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Program: 499 **Sub-Program:** 512

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Replacement of Aerial Platform						
Department/ Division:	Fire			Responsible Person:	Fire Chief Brad Liggett		
Project Status:	<input type="checkbox"/>	One time project or Item	<input checked="" type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input checked="" type="checkbox"/>	4. Create and sustain a high quality of life.	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

To replace our 19 year old aerial device with a new areal platform that meet the needs of our community and maintains our Insurance Services Organization Fire Protection Rating of 3.

Project Justification

The aerial has been out of service for repairs several months over the last three years. Placed in service in 1999, this fire apparatus is fast approaching the end of its useful life (20 years) and needs to be replaced. The cost of a new aerial requires the project to be spread over three years. We need to schedule this project now as our current aerial apparatus will be almost 24 years old when it's replacement is placed into service.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Normal operating, fuel and maintenance, repairs after manufacturer warrantee expires, and annual inspections costs. The estimated issuance interest expense for this equipment, which is budgeted in the debt service fund is \$12,500 in 2020-2022 with a projected 20 years to pay off the equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt			\$500,000	\$500,000	\$500,000			\$1,500,000
Total	\$0	\$0	\$500,000	\$500,000	\$500,000	\$0	\$0	\$1,500,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/ Equip/Software			\$500,000	\$500,000	\$500,000			\$1,500,000
Total	\$0	\$0	\$500,000	\$500,000	\$500,000	\$0	\$0	\$1,500,000

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Program: 499 **Sub-Program:** 512

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2511263 Transit Bus Replacement							
Department/ Division:	DPW/Transit			Responsible Person:	Michelle Gavin			
Project Status:		One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed:		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	X	3. Create and sustain economic and residential growth.		
Strategic Plan Goal	X	4. Create and sustain a high quality of life.		5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
Project Description								
2020: Replace 1 2006 Gillig Low Floor Bus 2021: Replace 1 2006 Gillig Low Floor Bus 2022: Replace 3 2007 Gillig Low Floor Buses								
Project Justification								
Upgrade existing fleet to within (FTA) Federal Transit Administration guidelines (12 years or 500K miles). "In May of 2018 the State of Wisconsin announced that the City of Beloit will be granted \$413,310 as part of the State of Wisconsin's allotment as part of the Federal Transit Administration's (FTA) FFY 2017 Section 5339 Formula Capital Awards for 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 2006 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 2020 CIP cycle will allow the City to issue a purchase order in 2018, with a 2020 delivery date. The local share (\$103,328) will come from a 2020 GO Bond, as the invoice for the full cost of the bus is not issued until the buses are delivered which will be in 2020. 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 not only full compliance with federal, state and City purchasing requirements, but also ensure full and								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
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)								
Expenditure or Savings		2019	2020	2021	2022	2023	2024	Grand Total
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4330-State/ Federal Funds			\$413,310	\$425,709	\$1,315,442			\$2,154,461
4501- Other			\$103,328	\$106,428	\$328,862			\$538,618
Total	\$0	\$0	\$516,638	\$532,137	\$1,644,304	\$0	\$0	\$2,693,079
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5531-Vehicle over \$1,000			\$516,638	\$532,137	\$1,644,304			\$2,693,079
Total	\$0	\$0	\$516,638	\$532,137	\$1,644,304	\$0	\$0	\$2,693,079
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Program: 499

Sub-Program: 512

CITY OF BELOIT
2019-2024 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	Speed Alert Messaging Board						
Department/ Division:	Public Works/Operations			Responsible Person:	Jodine Saunders		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input checked="" type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

Speed alert and message board that can either sit in a stand or be mobile in the truck receiver hitch.

Project Justification

With more and more distracted drivers on the road it is imperative that we have as many tools for safety of our staff to be in the streets.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4900-GO Debt			\$7,500					\$7,500
Total	\$0	\$0	\$7,500	\$0	\$0	\$0	\$0	\$7,500

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/ Equip/Software			\$7,500					\$7,500
Total	\$0	\$0	\$7,500	\$0	\$0	\$0	\$0	\$7,500

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Program: 499 **Sub-Program:** 513

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Mobile Fuel Polishing System						
Department/Division:	Public Works/Operation			Responsible Person:	Jodine Saunders		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

MTC HC-50 Mobile fuel polishing system

Project Justification

Public Works has 2 permanent and 6 portable generators that would maintain the water & wastewater facilities and the operations building. We need reliable power for our critical infrastructure. Having the generators die (due to old fuel) in an emergency situation is just not an option – fuel polishing would take the fuel out of the generator, clean and condition it and put it back. The manufactures of the generator suggest that all fuel be removed or cleaned at a minimum of once a year.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance -			\$7,000					\$7,000
4999-Fund Balance - Wastewater			\$8,000					\$8,000
4999-Fund Balance -			\$7,000					\$7,000
Total	\$0	\$0	\$22,000	\$0	\$0	\$0	\$0	\$22,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/Equip/Software			\$22,000					\$22,000
Total	\$0	\$0	\$22,000	\$0	\$0	\$0	\$0	\$22,000

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Program: 499 **Sub-Program:** 513

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	Trailer Mounted Load Bank for Generators							
Department/Division:	Public Works/Operation			Responsible Person:	Jodine Saunders			
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.	X	2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
Project Description								
Trailer Mounted Load Bank for Generators								
Project Justification								
A load bank test ensures that our generators will run properly when it's needed so that you can fully depend on it during an emergency situation. The key to a proper load bank test is that it tests your generator at its full kilowatt (kW) output rating. Because our generators do not regularly operate at their full kW rating, it's especially important that we verify our generators can actually produce the highest possible horsepower that may be required - while at the same time maintaining adequate temperature and pressure levels that will allow it to run as long as necessary. Generator load bank testing is an essential piece of a comprehensive preventative generator maintenance plan and needs to be done yearly.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance -				\$16,000				\$16,000
4999-Fund Balance - Wastewater				\$16,000				\$16,000
4999-Fund Balance -				\$16,000				\$16,000
Total	\$0	\$0	\$0	\$48,000	\$0	\$0	\$0	\$48,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/Equip/Software				\$48,000				\$48,000
Total	\$0	\$0	\$0	\$48,000	\$0	\$0	\$0	\$48,000
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Program: 499 Sub-Program: 513

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2370695 Turtle Creek Pump Station Roadway Resurfacing						
Department/ Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$77,000

Project Description

Resurface roadways at Turtle Creek Pump Station facility.

Project Justification

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

Operating Impact of Project (Positive - Savings or Negative - Costs)

Regular resurfacing should prevent larger capital outlay due to neglect. This project will impact the operating budget.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance		\$77,000						\$77,000
Total	\$0	\$77,000	\$0	\$0	\$0	\$0	\$0	\$77,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering		\$7,000						\$7,000
5511-Construction		\$70,000						\$70,000
Total	\$0	\$77,000	\$0	\$0	\$0	\$0	\$0	\$77,000

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Program: _____ 199 **Sub-Program:** _____ 504

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2370693 Wastewater Pollution Control Facility Anoxic Zone Mixer Replacement							
Department/Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos			
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
\$207,000								
Project Description								
Replace the anoxic zone mixers at the wastewater treatment facility with latest, lower horsepower mixing systems.								
Project Justification								
The anoxic zone and it's mixers are a critical component to the wastewater treatment process. Their function is to provide adequate detention time and mixing to allow for specific microorganisms to propagate and thrive. These microorganisms provide the necessary treatment to meet our Wisconsin Pollution Discharge Elimination Permit ammonia and phosphorus requirements. Our current mixers require frequent maintenance and are due for replacement.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
Current equipment is beginning to show its wear and tear requiring more frequent removal and repair with costs that can exceed \$10K. Replacing should provide years of reliable service.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
Maintenance	-\$10,000						-\$10,000	
Total	-\$10,000	\$0	\$0	\$0	\$0	\$0	-\$10,000	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance		\$207,000						\$207,000
Total	\$0	\$207,000	\$0	\$0	\$0	\$0	\$0	\$207,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5533-Vehicle/Equip/Software		\$207,000						\$207,000
Total	\$0	\$207,000	\$0	\$0	\$0	\$0	\$0	\$207,000
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Program: _____ 199 **Sub-Program:** _____ 504

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2370694 Bobcat Toolcat 5600 All-Purpose Utility Vehicle							
Department/ Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos			
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
\$59,000								
Project Description								
Purchase Bobcat 5600 Toolcat all-purpose utility vehicle.								
Project Justification								
This equipment and attachments provide for unlimited uses including snow removal/brushing, lawn and easement maintenance, trenching, lifting, hauling and many other uses.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
Minor impact to operating budget.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$200	\$300	\$400	\$500	\$600	\$2,000	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance		\$59,000						\$59,000
Total	\$0	\$59,000	\$0	\$0	\$0	\$0	\$0	\$59,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5531-Vehicle over \$1,000		\$59,000						\$59,000
Total	\$0	\$59,000	\$0	\$0	\$0	\$0	\$0	\$59,000
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Program: _____ 199 **Sub-Program:** _____ 504

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2304199 Sanitary Sewer Repair and Maintenance							
Department/Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos			
Project Status:		One time project or Item		Multi-Year Project of Item	X	Yearly Project or Item		
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".		3. Create and sustain economic and residential growth.		
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
Project Description								
Repair of sanitary sewer collection system including cured-in-place-pipe lining of mains, grouting, manhole repair/construction, etc.								
Project Justification								
Aging infrastructure requires continuous preventive and corrective maintenance actions. A well funded program of continuous improvement minimizes impact to the public and ensures reliable transport and delivery of wastewater for proper treatment and recycling.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
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.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
	\$0	-\$138,000	-\$141,000	-\$145,000	-\$149,000	-\$154,000	-\$727,000	
Total	\$0	-\$138,000	-\$141,000	-\$145,000	-\$149,000	-\$154,000	-\$727,000	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4500-Operating	\$534,000		\$600,000	\$511,000	\$526,000	\$542,000	\$558,000	\$3,271,000
Total	\$534,000	\$0	\$600,000	\$511,000	\$526,000	\$542,000	\$558,000	\$3,271,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering	\$14,000		\$16,000	\$18,000	\$20,000	\$22,000	\$24,000	\$114,000
5523-Sanitary Sewer	\$520,000		\$584,000	\$493,000	\$506,000	\$520,000	\$534,000	\$3,157,000
Total	\$534,000	\$0	\$600,000	\$511,000	\$526,000	\$542,000	\$558,000	\$3,271,000
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Program: 199 **Sub-Program:** 504

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P2310545 Clarifier Repair and Upgrades						
Department/ Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos		
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.	
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input checked="" type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

Repair and upgrade one primary clarifier and three secondary clarifiers.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
Maintenance	-\$100	-\$150	-\$200	-\$300	-\$500	-\$650	-\$1,900
Total	-\$100	-\$150	-\$200	-\$300	-\$500	-\$650	-\$1,900

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4500- Operating	\$150,000		\$314,000	\$191,000	\$191,000	\$196,000		\$1,042,000
Total	\$150,000	\$0	\$314,000	\$191,000	\$191,000	\$196,000	\$0	\$1,042,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240- Professional			\$14,000	\$6,000	\$6,000	\$6,000		\$32,000
5258-In House Engineering	\$8,000		\$8,000	\$2,000	\$2,000	\$2,000		\$22,000
5511- Construction	\$142,000		\$292,000	\$183,000	\$183,000	\$188,000		\$988,000
Total	\$150,000	\$0	\$314,000	\$191,000	\$191,000	\$196,000	\$0	\$1,042,000

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Program: 199 **Sub-Program:** 504

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	WPCF Effluent Phosphorus Reduction Upgrade				
Department/Division:	Public Works/Water Resources	Responsible Person:	Harry Mathos		
Project Status:	One time project or Item	X	Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.
	4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

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

Project 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 the new limit in 2024.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Minor preventive maintenance cost over the life of equipment.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	-\$1,000	-\$1,300	-\$1,600	-\$2,000	-\$2,500	-\$8,400
Total	\$0	-\$1,000	-\$1,300	-\$1,600	-\$2,000	-\$2,500	-\$8,400

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance	\$483,000		\$492,500	\$2,543,000				\$3,518,500
Total	\$483,000	\$0	\$492,500	\$2,543,000	\$0	\$0	\$0	\$3,518,500

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional	\$100,000		\$50,000	\$125,000				\$275,000
5258-In House Engineering	\$21,000		\$10,000	\$25,000				\$56,000
5511-Construction	\$362,000		\$432,500	\$2,393,000				\$3,187,500
Total	\$483,000	\$0	\$492,500	\$2,543,000	\$0	\$0	\$0	\$3,518,500

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Program: 199 _____ **Sub-Program:** 504 _____

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	WPCF Aeration System Medium Voltage Drive						
Department/Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description							
Install new medium voltage variable speed drive for aeration blower #3.							
Project 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.							
Operating Impact of Project (Positive - Savings or Negative - Costs)							
Significant energy savings can be realized by replacing current direct-drive system. The 2020 project will be funded from the wastewater fund operating budget.							

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$550	\$600	\$650	\$700	\$750	\$3,250
Total	\$0	\$550	\$600	\$650	\$700	\$750	\$3,250

Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance			\$240,000					\$240,000
Total	\$0	\$0	\$240,000	\$0	\$0	\$0	\$0	\$240,000

Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering			\$24,000					\$24,000
5511-Construction			\$216,000					\$216,000
Total	\$0	\$0	\$240,000	\$0	\$0	\$0	\$0	\$240,000

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Program: 199 _____ **Sub-Program:** 504 _____

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Northwest Interceptor Splitter Box Construction and Slip Lining					
Department/ Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos	
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

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

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

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.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance			\$300,000					\$300,000
Total	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering			\$50,000					\$50,000
5523-Sanitary Sewer			\$250,000					\$250,000
Total	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

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Program: 199 **Sub-Program:** 504

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Hypochlorite Tank Replacement						
Department/ Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

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Project Description

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

Project Justification

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

Operating Impact of Project (Positive - Savings or Negative - Costs)

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.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance			\$115,000					\$115,000
Total	\$0	\$0	\$115,000	\$0	\$0	\$0	\$0	\$115,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5258-In House Engineering			\$10,000					\$10,000
5511-Construction			\$105,000					\$105,000
Total	\$0	\$0	\$115,000	\$0	\$0	\$0	\$0	\$115,000

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Program: 199 **Sub-Program:** 504

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2605472 Well Pumping Equipment				
Department/Division:	Public Works/Water Resources		Responsible Person:	Harry Mathos	
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/> Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/> 3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/> 6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

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Project Description

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

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Other than funding from operating budget, projects would tend to keep operating budget stable, with improved efficiencies offsetting energy cost increases.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
490007-Utility Revenue Bond	\$108,000							\$108,000
4999-Fund Balance			\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$585,000
Total	\$108,000	\$0	\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511-Construction Costs 325 Electric Pumping Equipment	\$108,000		\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000
Total	\$108,000	\$0	\$111,000	\$114,000	\$117,000	\$120,000	\$123,000	\$693,000

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Program: _____ 199
 Sub-Program: _____ 505

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2605540 Traverse City Hydrant Replacement						
Department/ Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos		
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description							
Replace the 113 Traverse City hydrants currently in the public water supply system over a period of 8 years (approximately 15 per year).							
Project 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.							
Operating Impact of Project (Positive - Savings or Negative - Costs)							
After installation, no net impact on operating budget.							

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance	\$36,225		\$47,000	\$49,000	\$51,000			\$183,225
Total	\$36,225	\$0	\$47,000	\$49,000	\$51,000	\$0	\$0	\$183,225

Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511-Construction Costs 349 Hydrants	\$36,225		\$47,000	\$49,000	\$51,000			\$183,225
Total	\$36,225	\$0	\$47,000	\$49,000	\$51,000	\$0	\$0	\$183,225

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Program: 199 **Sub-Program:** 505

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Shirland Avenue Emergency On-site Generator						
Department/Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos		
Project Status:	<input checked="" type="checkbox"/>	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	<input checked="" type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input checked="" type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input checked="" type="checkbox"/>	3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

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Project Description

Provide stand-alone emergency power capabilities at Shirland Avenue Pump Station (SAPS), Northwest Pump Station (NWPS) and Well 10. The current configuration does not include emergency power for NWPS or Well 10. This project would provide for one unit stationed at the SAPS and will feed all three in the event of a catastrophic power outage.

Project Justification

The SAPS and NWPS together pump more than 60% of the city's raw wastewater to the treatment facility. A catastrophic power outage would cause massive surcharging of the upstream collection system leading to residence backups. Well 10 is responsible for the Mill Street water level control.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance			\$989,400					\$989,400
Total	\$0	\$0	\$989,400	\$0	\$0	\$0	\$0	\$989,400

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional			\$50,000					\$50,000
5258-In House Engineering			\$19,400					\$19,400
5511-Construction			\$920,000					\$920,000
Total	\$0	\$0	\$989,400	\$0	\$0	\$0	\$0	\$989,400

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Program: 199 **Sub-Program:** 505

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Replace Well House #8 Structure						
Department/Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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.

Project 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.

Operating Impact of Project (Positive - Savings or Negative - Costs)

This project will be funded from the water utility fund operating budget.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance			\$875,000					\$875,000
Total	\$0	\$0	\$875,000	\$0	\$0	\$0	\$0	\$875,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240-Professional			\$75,000					\$75,000
5258-In House Engineering			\$50,000					\$50,000
5511-Construction			\$750,000					\$750,000
Total	\$0	\$0	\$875,000	\$0	\$0	\$0	\$0	\$875,000

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Program: 199 _____ **Sub-Program:** 505 _____

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	East Side Neighborhood Initiative Water Main						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch/Harry Mathos		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a “high performing organization”.		3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

Project 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.

Project Justification

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

Operating Impact of Project (Positive - Savings or Negative - Costs)

Directly impacts Water fund operating budget because it only is done if funding is available in operating budget.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance			\$200,000					\$200,000
Total	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5525-Water Utility			\$200,000					\$200,000
Total	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000

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Program: 199 **Sub-Program:** 505

CITY OF BELOIT								
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM								
PROJECT REQUEST								
Project Title:	P2605552 Water Lead Service Replacement Program							
Department/ Division:	Public Works/Water Resources			Responsible Person:	Harry Mathos			
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal	X	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.		
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.		
Total Funds Requested in 2019 (Including Issuance Cost)								
Project Description								
Create funding source to offer low interest and no interest loans and grants to low income families.								
Project 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.								
Operating Impact of Project (Positive - Savings or Negative - Costs)								
Significant impact on an annual basis. The projects will be funded through special assessments.								
Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total	
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Financing Methods (Revenues)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4430-Special Assessments	\$100,000		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Total	\$100,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Outlay Type (Expenditures)								
Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5511-Construction	\$100,000		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Total	\$100,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
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Program: 199 **Sub-Program:** 505

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P2710554 Storm Sewer Improvements				
Department/Division:	Public Works/Engineering/Storm Water		Responsible Person:	Mike Flesch/Bill Frisbee	
Project Status:	<input type="checkbox"/>	One time project or Item	<input type="checkbox"/>	Multi-Year Project of Item	<input checked="" type="checkbox"/> Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.	<input type="checkbox"/> 3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	<input checked="" type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/> 6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$50,000

Project Description

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

Project Justification

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

Operating Impact of Project (Positive - Savings or Negative - Costs)

Minor system expansion and improvements that will not impact operations. These projects will be funded from the Storm Water Utility fund operating budget.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance	\$54,697	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$354,697
Total	\$54,697	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$354,697

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5522-Storm Sewer System	\$54,697	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$354,697
Total	\$54,697	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$354,697

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Program: 199 **Sub-Program:** 506

CITY OF BELOIT

2020 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	Storm Water TMDL Compliance				
Department/ Division:	Public Works/Engineering/StormWater		Responsible Person:	Mike Flesch/Bill Frisbee	
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a “high performing organization”.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.
	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

Project Description

This project is constructing storm water infrastructure to remove total suspended solids (TSS) and phosphorus from storm water runoff before it enters our waterways. Some options to be included are: storm water retention basins, bio-filters, converting Ag land into prairie parks, other practices on Ag land.

Project Justification

Required by the Rock River Total Maximum Daily Load (TMDL). The TMDL is administered by the Wisconsin Department of Natural Resources and required by The United States Environmental Protection Agency.

Operating Impact of Project (Positive - Savings or Negative - Costs)

There will be costs associated with the new infrastructure. Estimate costs will be factored once projects are narrowed down the specific projects to be constructed.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Total	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5522-Storm Sewer System			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Total	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

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Program: 199 **Sub-Program:** 506

CITY OF BELOIT

2019 - 2024 CAPITAL IMPROVEMENT PROGRAM

PROJECT REQUEST

Project Title:	P5070692 Milwaukee Road Extension East of I39/90						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	X	One time project or Item		Multi-Year Project of Item		Yearly Project or Item	
Focus Area(s) Addressed: Strategic Plan Goal		1. Create and sustain safe and healthy neighborhoods.		2. Create and sustain a "high performing organization".	X	3. Create and sustain economic and residential growth.	
		4. Create and sustain a high quality of life.	X	5. Create and sustain high quality infrastructure and connectivity.		6. Create and sustain a positive image, enhance communications, and engage the community.	

Total Funds Requested in 2019 (Including Issuance Cost)

\$140,000

Project Description

For this project the Wisconsin Department of Transportation (DOT) is the lead and is part of the I39/90 and I43 Interchange improvements. The expenditure for this is the City's share of the decorative lighting. The balance of the extension is being paid for by the Wisconsin DOT.

Project Justification

The DOT will not install decorative street lighting to match the lighting on Gateway Boulevard and Milwaukee Road. The DOT will only participate at the cost of standard lighting. It is the desire of the City to match the decorative lighting and this is the City's portion of the cost. A State Municipal Agreement was passed by City Council authorizing the expenditure in January of 2018.

Operating Impact of Project (Positive - Savings or Negative - Costs)

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4999-Fund Balance		\$140,000						\$140,000
Total	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0	\$140,000

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5514-Roadway Construction		\$140,000						\$140,000
Total	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0	\$140,000

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Program: 299 **Sub-Program:** 605

CITY OF BELOIT
2019 - 2024 CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST

Project Title:	P5321607 Milwaukee Road Gateway Corridor Improvement						
Department/Division:	Public Works/Engineering			Responsible Person:	Mike Flesch		
Project Status:	<input type="checkbox"/>	One time project or Item	X	<input type="checkbox"/>	Multi-Year Project of Item	<input type="checkbox"/>	Yearly Project or Item
Focus Area(s) Addressed: Strategic Plan Goal	<input type="checkbox"/>	1. Create and sustain safe and healthy neighborhoods.	<input type="checkbox"/>	<input type="checkbox"/>	2. Create and sustain a "high performing organization".	<input type="checkbox"/>	3. Create and sustain economic and residential growth.
	<input type="checkbox"/>	4. Create and sustain a high quality of life.	X	<input type="checkbox"/>	5. Create and sustain high quality infrastructure and connectivity.	<input type="checkbox"/>	6. Create and sustain a positive image, enhance communications, and engage the community.

Total Funds Requested in 2019 (Including Issuance Cost)

\$55,000

Project Description
 A new monument median sign announcing the City of Beloit will be installed just west of Ford Drive in 2020.

Project Justification
 The Milwaukee Road Corridor is the primary entrance into the City of Beloit and provides visitors with their first impression of the City. 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 for signage.

Operating Impact of Project (Positive - Savings or Negative - Costs)
 Will directly impact operating budget by using TIF fund balance to finance projects.

Expenditure or Savings	2019	2020	2021	2022	2023	2024	Grand Total
	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Financing Methods (Revenues)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
4031- TID Financing	\$1,092,183							\$1,092,183
4999-Fund Balance	\$2,394,000	\$55,000						\$2,449,000
4500- Operating	\$220,000							\$220,000
Total	\$3,706,183	\$55,000	\$0	\$0	\$0	\$0	\$0	\$3,761,183

Outlay Type (Expenditures)

Revenues	Prior Adopted	2019	2020	2021	2022	2023	2024	Grand Total
5240- Professional	\$222,000							\$222,000
5258-In House Engineering	\$279,000	\$5,000						\$284,000
5511- Construction		\$50,000						\$50,000
5514-Roadway Construction	\$3,205,183							\$3,205,183
Total	\$3,706,183	\$55,000	\$0	\$0	\$0	\$0	\$0	\$3,761,183

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Program: 299 **Sub-Program:** 612



Beloit
WISCONSIN

**SIX YEAR
STREET
RESURFACING PLAN**

2019 TO 2024

Prepared By: Jason Dupuis, P.E.
ENGINEERING DEPARTMENT
CITY OF BELOIT
Revision date: November 30, 2018

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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.

2024 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 2019 - 2024

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 was 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 2019

CAPITAL IMPROVEMENT

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
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
Middle St	Fifth	to Sixth	Reconstruction	355	\$66,000
North St	Fourth	to Sixth	Reconstruction	673	\$66,000
Prairie Ave	Cranston	to Huebbe	Reconstruction	6271	\$1,548,000
Willowbrook Rd	Colley	to Kennedy	Panel Replacement	2254	\$284,000

2019 Capital Improvement (22 blocks) \$2,793,000

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
Birch Ave	Shore Dr	to Sixth St	Mill & Overlay	843	\$48,724
Broad St	Rock River	to Rock River	Deck Repairs	265	\$75,000
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
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
Whipple St	Johnson	to Ritsher	Mill & Overlay	982	\$65,614
White Ave	Lasalle	to Milwaukee	Reconstruction	400	\$101,871
Wood Dr	Northgate	to Juniper	Mill & Overlay	226	\$15,101

PLAN YEAR 2019

STREET MAINTENANCE

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
2019 Street Maintenance (48 blocks)					\$1,581,279

Total Cost for 2019 (70 blocks) \$4,374,279

Legend

2019 Plan_Work_Type

Deck Repairs

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



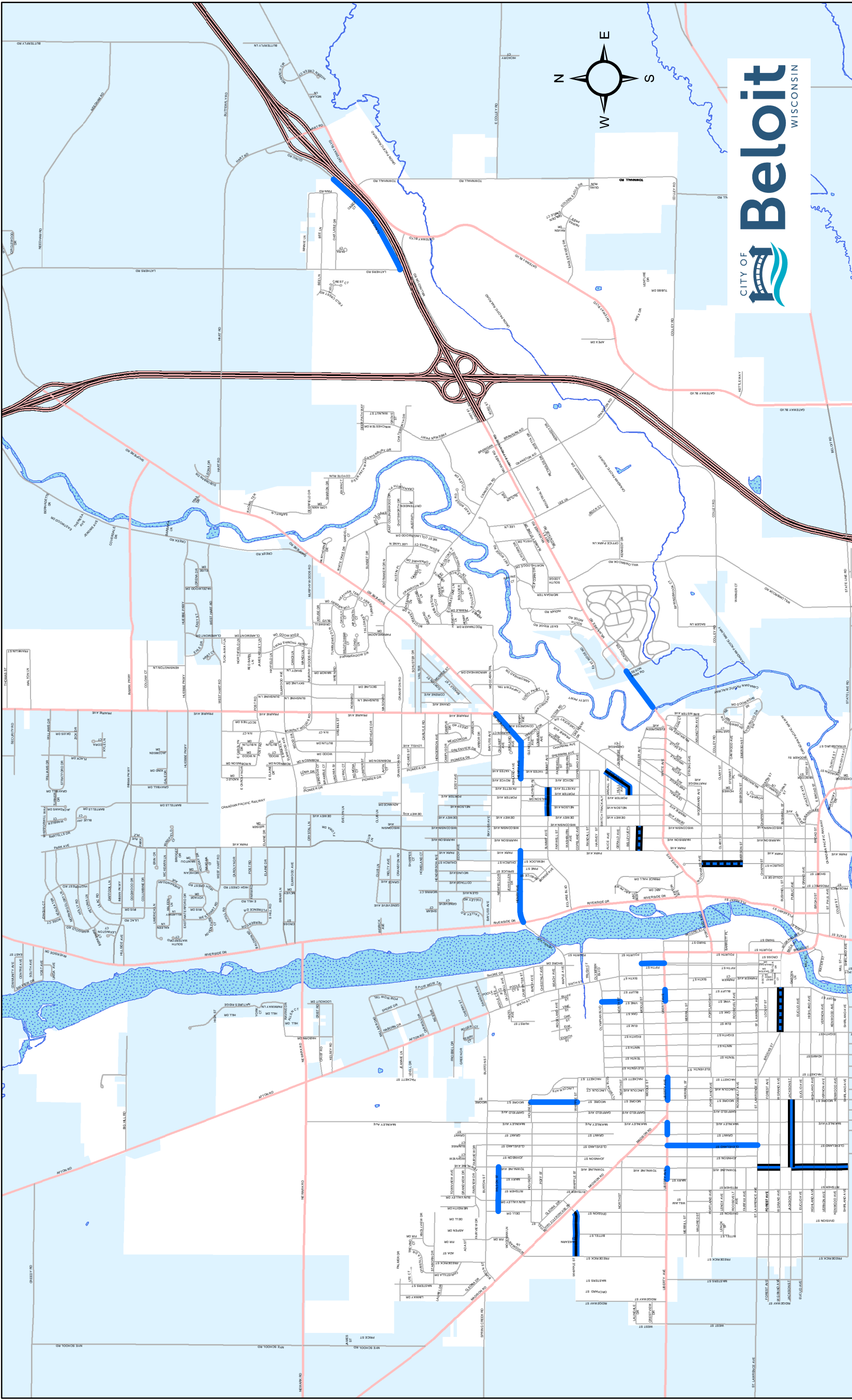
PLAN YEAR		2020				
CAPITAL IMPROVEMENT						
STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST	
Church St	Emerson St	to Woodward Ave	Reconstruction & Utility r	1209	\$418,000	
Henry Ave	Riverside	to Tremont	Mill & Overlay	3197	\$373,442	
Keeler Ave	Park	to Wisconsin	Reconstruction	725	\$288,576	
Liberty 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	2335	\$520,831	
2020 Capital Improvement (30 blocks)					\$2,139,406	
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	
Jackson St	Moore	to Townline	Mill & Overlay & Curb	1989	\$216,200	
Moore St	Whipple	to House	Mill & Overlay	1358	\$84,688	
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)					\$1,498,486	
Total Cost for 2020 (58 blocks)					\$3,637,892	

Legend

2020 Plan_Work_Type

-  Mill & Overlay; Panel Replacement; Overlay
-  Mill & Overlay & Curb
-  Stabilize and Repave; Mill & Overlay & Crack and Seat
-  Reconstruction; Reconstruction & Utility relay

2020 Streets Plan



PLAN YEAR 2021

CAPITAL IMPROVEMENT

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Emerson St	Milwaukee	to Sherwood Nort	Reconstruction	1422	\$1,027,828
2021 Capital Improvement (2 blocks)					\$1,027,828

STREET MAINTENANCE

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Austin Pl	Crittenden Dr	to Carnforth Pl	Overlay	374	\$13,092
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	Roosevelt	to Liberty	Mill & Overlay	2055	\$117,742
Randall St	Wisconsin	to Yates	Mill & Overlay & Curb	1646	\$187,862
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
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)					\$1,498,892

Total Cost for 2021 (45 blocks) \$2,526,720

Legend

2021 Plan_Work_Type

Sealcoat

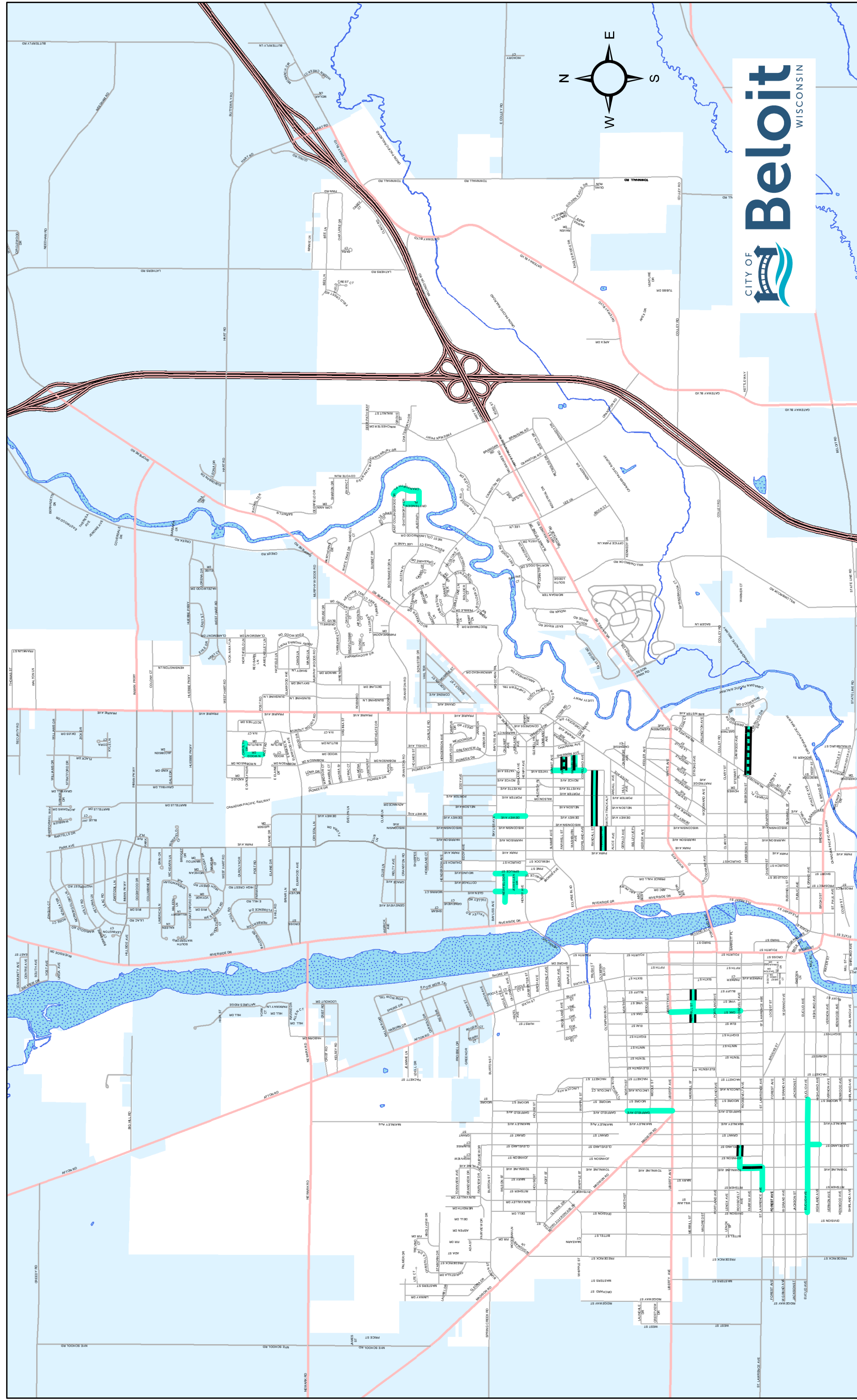
Overlay; Mill & Overlay

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



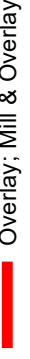
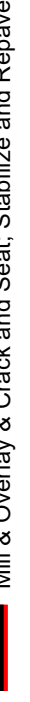
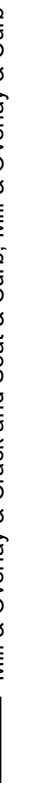

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Arrowhead Dr	Moccasin Trl	to Shopiere Rd	Mill & Overlay	1082	\$83,692
Butlin Dr N	Post	to E Carolyn	Mill & Overlay	554	\$42,851
Cleveland St	Kenwood	to Highland	Mill & Overlay	665	\$40,007
Eighth St	End South	to Ridgeland	Mill & Overlay	350	\$24,064
Forest 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
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
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
Vine St	Portland	to Liberty	Mill & Overlay & Curb	1358	\$162,742

2022 Street Maintenance (38 blocks) \$1,456,877

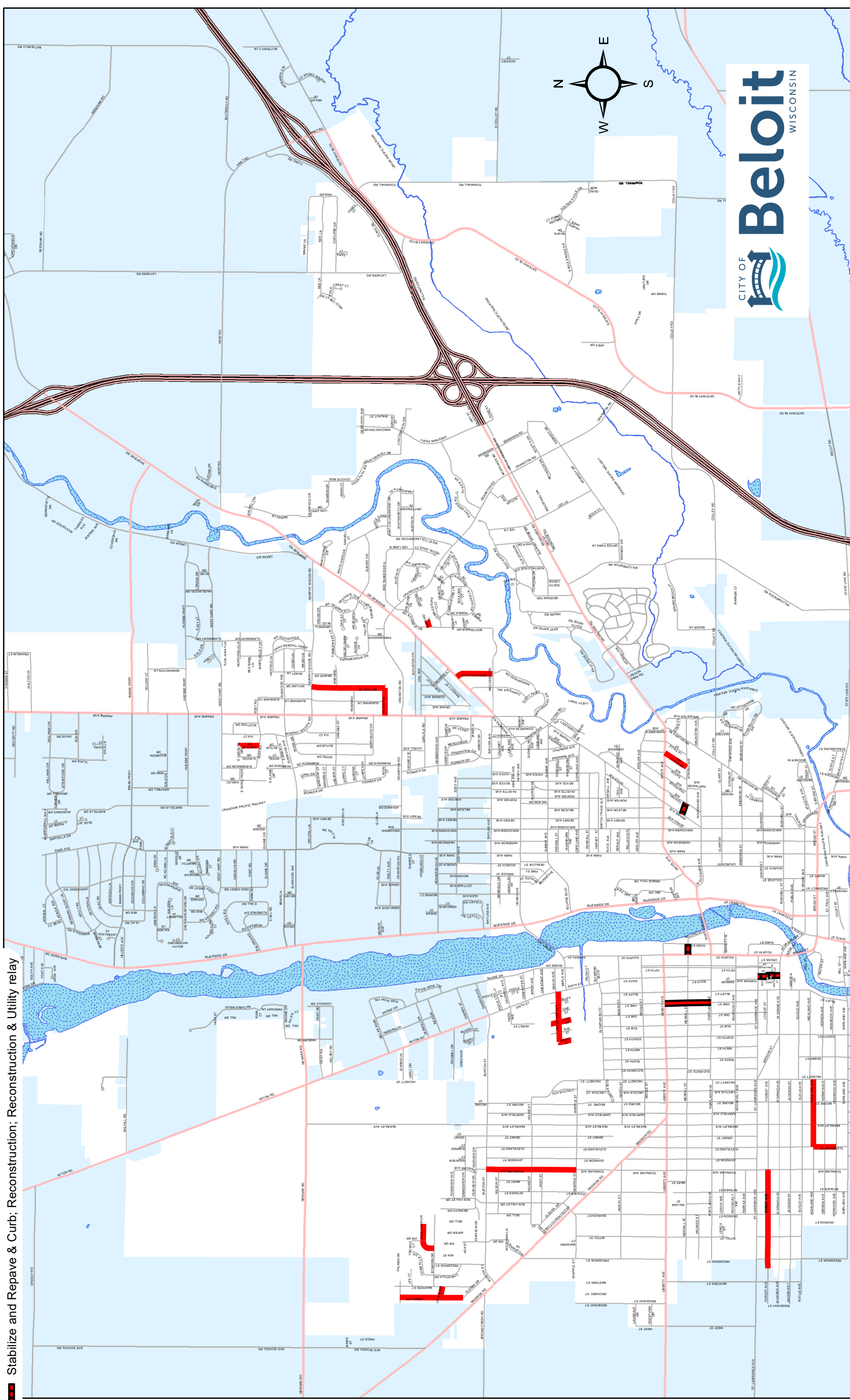
Total Cost for 2022 (43 blocks) \$1,874,877

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	
Broad St	Rock River	to Rock River	Bearing Replacement	265	\$245,000	
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)					\$663,000	
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	
Lasalle St	Strong	to White	Mill & Overlay	746	\$45,441	
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	
Moccasin Tr	Shopiere	to Bootmaker Dr	Mill & Overlay	2569	\$208,645	
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 (21 blocks)					\$1,568,544	
Total Cost for 2023 (24 blocks)				\$2,231,544		

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



PLAN YEAR 2024

CAPITAL IMPROVEMENT

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
E Grand Ave	State	to Pleasant	Brick Pavers	535	\$651,000
Emerson St	Church	to Wisconsin	Reconstruction	1109	\$896,373
Emerson St	Central	to Milwaukee	Reconstruction & Utility r	1149	\$1,437,199

2024 Capital Improvement (5 blocks) \$2,984,572

STREET MAINTENANCE

STREET NAME	FROM	TOWARD	SCOPE	LENGTH (FEET)	COST
Fuller Dr	Cranston	to Freeman	Mill & Overlay	2425	\$131,300
Middle St	Eighth	to Tenth	Reconstruction	652	\$195,107
Moore St	Liberty	to Middle	Mill & Overlay	663	\$41,881
Partridge Ave	White	to Eaton	Mill & Overlay & Curb	794	\$99,910
Poole Ct E	Sixth	to Cul-De-Sac	Mill & Overlay	761	\$62,866
Summit Ave	RR Tracks	to Prairie	Reconstruction	1073	\$310,016
Totem Rd	Cul-De-Sac	to Prairie	Mill & Overlay	870	\$39,255
Vernon Ave	Adams	to Hackett	Mill & Overlay	659	\$41,628
Vernon Ave	Eighth	to Adams	Reconstruction	653	\$188,668

2024 Street Maintenance (13 blocks) \$1,110,630

Total Cost for 2024 (18 blocks) \$4,095,202

Legend

2024 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

2024 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
2019	Birch Ave	Shore Dr	to	Poole Ct S	Mill & Overlay
2019	Birch Ave	Poole Ct S	to	Sixth St	Mill & Overlay
2019	Broad St	Rock River	to	Rock River	Deck Repairs
2023	Broad St	Rock River	to	Rock River	Bearing Replacement
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
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
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
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
2024	E Grand Ave	State	to	Pleasant	Brick Pavers

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2022	Eighth St	End South	to	Ridgeland	Mill & Overlay
2024	Emerson St	Church	to	Park	Reconstruction
2024	Emerson St	Park	to	Harrison	Reconstruction
2024	Emerson St	Harrison	to	Wisconsin	Reconstruction
2024	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
2019	Euclid Ave	Bluff	to	Eighth	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
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
2024	Fuller Dr	Cranston	to	Freeman	Mill & Overlay
2019	Garfield Ave	Merrill	to	Liberty	Mill & Overlay & Curb
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
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
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

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
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
2020	Jackson St	Moore	to	Mckinley	Mill & Overlay & Curb
2020	Jackson St	Mckinley	to	Cleveland	Mill & Overlay & Curb
2020	Jackson St	Cleveland	to	Townline	Mill & Overlay & Curb
2021	Jean Ellen Dr	Glen	to	Spruce	Mill & Overlay
2020	Keeler Ave	Park	to	Harrison	Reconstruction
2020	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
2023	Lasalle St	Strong	to	White	Mill & Overlay
2022	Laurel Dr	Linway	to	Masters	Mill & Overlay
2020	Liberty Ave	Bluff	to	Vine	Panel Replcement
2020	Liberty Ave	Hackett	to	Lincoln	Panel Replcement
2020	Liberty Ave	Lincoln	to	Moore	Panel Replcement
2020	Liberty Ave	Mckinley	to	Grant	Panel Replcement
2020	Liberty Ave	Townline	to	Mary	Panel Replcement

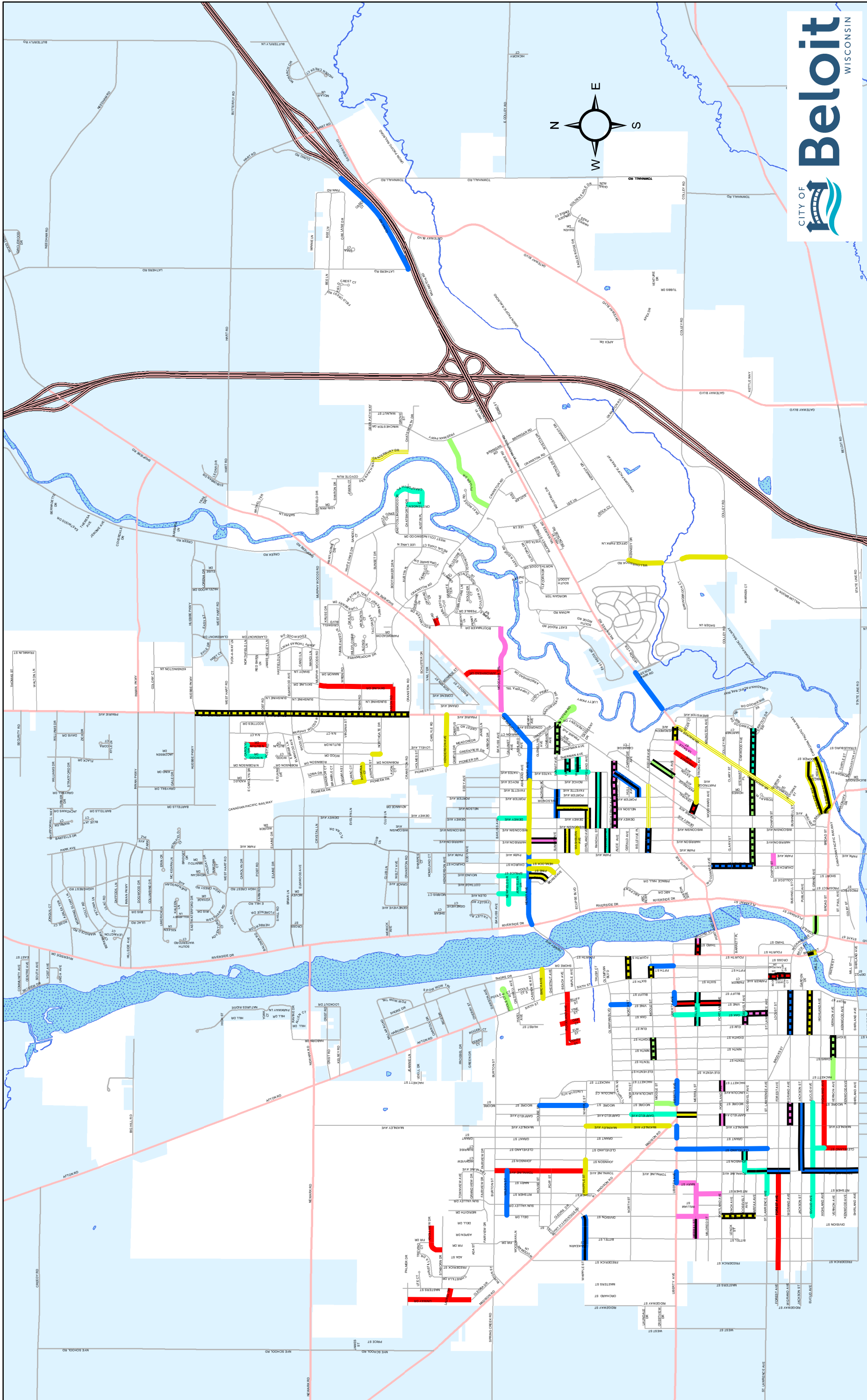
YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2022	Linway Dr	Cleora	to	Laurel	Mill & Overlay
2022	Linway Dr	Laurel	to	Palmer	Mill & Overlay
2023	Mary St	Merrill	to	Liberty	Mill & Overlay
2022	Mason Rd	Prairie	to	Sunshine	Mill & Overlay
2022	Mason Rd	Sunshine	to	Skyline	Mill & Overlay
2019	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 Seat &
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
2019	Middle St	Fifth	to	Sixth	Reconstruction
2024	Middle St	Eighth	to	Ninth	Reconstruction
2024	Middle St	Ninth	to	Tenth	Reconstruction
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
2023	Moccasin Tr	Shopiere	to	Chippewa	Mill & Overlay
2023	Moccasin Tr	Chippewa	to	Arrowhead	Mill & Overlay
2023	Moccasin Tr	Arrowhead Dr	to	Bootmaker Dr	Mill & Overlay
2024	Moore St	Liberty	to	Middle	Mill & Overlay
2020	Moore St	Whipple	to	House	Mill & Overlay
2022	Butlin Dr N	Post	to	E Carolyn	Mill & Overlay
2019	Nelson Ave	Copeland Ave	to	Summit Ave	Mill & Overlay & Curb

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2021	Newfield Dr	End West	to	Glen	Mill & Overlay
2021	Newfield Dr	Glen	to	Spruce	Mill & Overlay
2019	North St	Fourth	to	Sixth	Reconstruction
2021	Wood Dr N	Post	to	Carolyn	Mill & Overlay
2023	Oak St	St Lawrence	to	Roosevelt	Reconstruction & Utility relay
2021	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
2024	Partridge Ave	White	to	Eaton	Mill & Overlay & Curb
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
2024	Poole Ct E	Sixth	to	Poole Ct North	Mill & Overlay
2024	Poole Ct E	Poole Ct North	to	Cul-De-Sac	Mill & Overlay
2023	Portland Ave	Hackett	to	Lincoln	Mill & Overlay & Curb
2023	Portland Ave	Garfield	to	Mckinley	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
2021	Randall St	Wisconsin	to	Porter	Mill & Overlay & Curb
2021	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

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
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
2020	Shopiere Rd	Tremont	to	Marion	Mill & Overlay
2020	Shopiere Rd	Marion	to	Congress	Mill & Overlay
2020	Shopiere Rd	Congress	to	Prairie	Mill & Overlay
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
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 &
2024	Summit Ave	RR Tracks	to	Chapman	Reconstruction
2024	Summit Ave	Chapman	to	Prairie	Reconstruction
2023	Switch Track	Wisconsin Ave	to	Porter	Reconstruction
2023	Switch Track	Porter Ave	to	Yates	Reconstruction
2023	Switch Track	Yates Ave	to	Prairie	Reconstruction
2024	Totem Rd	Cul-De-Sac	to	Crescent	Mill & Overlay
2024	Totem Rd	Crescent	to	Prairie	Mill & Overlay
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	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
2022	Townline Ave	Whipple	to	Poff	Mill & Overlay

YEAR	STREET NAME	LIMITS OF PROPOSED WORK			WORK REQUIRED
2022	Townline Ave	Poff	to	House	Mill & Overlay
2022	Townline Ave	House	to	Wilson	Mill & Overlay
2022	Townline Ave	Wilson	to	Burton	Mill & Overlay
2024	Vernon Ave	Eighth	to	Adams	Reconstruction
2024	Vernon Ave	Adams	to	Hackett	Mill & Overlay
2022	Vine St	Portland	to	Merrill	Mill & Overlay & Curb
2022	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
2019	Whipple St	Johnson	to	Townline	Mill & Overlay
2019	Whipple St	Townline	to	Ritsher	Mill & Overlay
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	White Ave	Lasalle	to	Milwaukee	Reconstruction
2019	Willowbrook Rd	Colley	to	RR Tracks	Panel Replacement
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

2019 - 2024 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.