

VILLAGE OF BARTLETT

COMMITTEE AGENDA

NOVEMBER 19, 2019

FINANCE & GOLF, CHAIRMAN DEYNE

1. Proposed Capital Budget

EXECUTIVE SESSION

To Discuss Sale of Village Owned Property Pursuant to
Section 2(c)6 of the Open Meetings Act



Agenda Item Executive Summary

Item Name 2020-24 Capital Improvements Program Committee or Board Committee

BUDGET IMPACT

Amount:	\$98,404,079	Budgeted	\$98,404,079
List what fund	General, MFT, Municipal Building, Developer Deposits, Water, Sewer, Brewster Creek TIF Project, and Bluff City TIF Project funds		

EXECUTIVE SUMMARY

Attached is the Proposed 2020-2024 Capital Improvements Program. The 2020-2024 projects total \$98,404,079 over five years. The 2020-2021 projects total \$15,703,580 and are referred to as the Capital Budget. These projects will be incorporated into the Operating Budget that will be presented to the Village Board in March.

ATTACHMENTS (PLEASE LIST)

Proposed 2020-2024 Capital Budget

ACTION REQUESTED

- For Discussion Only
- Resolution
- Ordinance
- Motion:

Staff: Todd Dowden, Finance Director Date: 11/11/19

PROPOSED

Village of Bartlett, Illinois
2020-2024 Capital Budget





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November 19, 2019

The Honorable Village President
 and Board of Trustees

Submitted for your consideration is the Capital Improvements Program for the Fiscal Years 2019-20 through 2023-24. It identifies long-range needs and proposes a multi-year financial plan to address them.

The Capital Improvements Program began in the early 1980's, formalizing a commitment to provide for orderly and appropriately financed growth of municipal facilities. It is a financial tool that allows the Village to take a long-range view of our needs.

Beginning in the summer, staff reviews the projects included in the current Capital Improvements Program, updates the costs and status of those projects, and identifies new projects to be included. The department submissions are reviewed, and project budgets and schedules are adjusted as needed. The Village Board reviews the five-year program in the fall. This allows time to incorporate the new year projects into the upcoming budget development process.

Early review has also afforded us the opportunity to bid construction projects early in the year, keeping costs down and completion timely.

Overview

The 5-year Capital Improvements Program for 2020-2024 totals \$98,404,079. This is a 26% decrease from last year's Program.

Capital Improvements Expenditures		
<u>Year</u>	<u>Total</u>	<u>% Change</u>
2014-2015	5,895,502	-19%
2015-2016	10,250,248	74%
2016-2017	20,468,486	100%
2017-2018	22,455,590	10%
2018-2019	40,613,960	81%
2019-2020 Estimated	11,289,339	-72%
2020-2021 Proposed	15,703,580	39%
2021-2022 Proposed	33,983,773	116%
2022-2023 Proposed	26,062,530	-23%
2023-2024 Proposed	11,364,857	-56%

The chart above shows annual expenditures in the 2020-2024 Program and actual expenditures for the past five years. The percent change column reflects the change from the prior year. As you can see, capital expenditures can vary significantly from year to year.

The table on Page T6 shows the history of capital expenditures by category for the past five years. Comparing the history of expenditures by category with the expenditure summary for this 5-year plan (Page T1), it

is easy to see the increase in sewer and streets projects as the major water projects and Police Station construction project are completed.

The chart below compares the 5-year totals by category:

<u>Category</u>	<u>2020-2024 Proposed</u>	<u>2015-2019 Actual</u>
Water	\$17,263,589	\$42,951,487
Sewer	47,306,691	1,881,450
Streets	17,394,067	7,623,292
Econ Dev	12,130,000	22,428,979
Golf	1,690,000	173,151
Other	<u>2,619,732</u>	<u>24,625,427</u>
Total	\$98,404,079	\$99,683,786

Page T7 presents a list of capital projects that have been completed in the past five years. The chart shows the year the project was completed and the final project cost. The costs shown reflect the total project cost, which may have been spent over more than one fiscal year.

2020-21 Highlights

While the Capital Improvements Program anticipates expenditures over a five-year period, the immediate focus is on 2020-21, which is referred to as the Capital Budget. These projects will become part of the operating budget that will be developed in the next few months. The Capital Budget for fiscal year 2020-21 is \$15,703,580. A complete

listing of the 2020-21 projects can be found on Page T10. Funds are proposed for a total of 21 projects. Three projects are new to the Capital Improvement Program and are highlighted below:

New Projects

A complete listing of new projects by funding source can be found on page T8. They include the following:

Water Meter Changeout: This is a three-year project that involves replacing the current metering system with a fixed network. Budgeted to start in 2022-2023. Estimated first year cost: \$1,000,000.

Irrigation System Replacement: Consists of replacing the current irrigation system at Bartlett Hills Golf Course. Budgeted for 2021-2023. Estimated cost: \$1,650,000.

Veranda Resurfacing & Furniture: The project includes resurfacing both verandas at the Bartlett Hills Clubhouse along with replacing the outdoor furniture. Budgeted for 2020-2021. Estimated cost: \$40,000.

Financing

The following table below shows the funding sources for this Capital Improvements Program.

IEPA low interest loans are expected to be used to finance the Bittersweet WWTP improvements and an elevated water tank. A bond issue is planned for the fall of 2019 to finance the Devon Avenue excess flow facility. Other capital revenues to finance projects in the 2020-2024 program include Water and Sewer funds, Motor Fuel Tax funds, Brewster Creek TIF funds, Bluff City TIF funds, developer donations, and grants.

Funding Sources

<u>Funding Source</u>	<u>Amount</u>	<u>% of Total</u>
2019 GO Bonds	8,500,000	8.64%
IEPA Loans	36,550,000	37.14%
Brewster Creek TIF	5,350,000	5.44%
Bluff City TIF	6,780,000	6.89%
Motor Fuel Tax	11,736,751	11.93%
STP Fund	1,480,158	1.50%
Grants	350,732	0.36%
Water Fund	12,763,589	12.97%
Sewer Fund	6,756,691	6.87%
Municipal Building	490,000	0.50%
Developer Deposits	166,297	0.17%
General Fund	5,664,861	5.76%
Other	1,815,000	1.84%
Total	98,404,079	100.00%

Review

This program is scheduled for review at the November 19th Committee meeting. Staff will be prepared to respond to your questions and concerns.

Respectfully Submitted,



Paula Schumacher
Village Administrator

Village of Bartlett, Illinois

Capital Improvements Program

2020-2024

Tables & Graphs



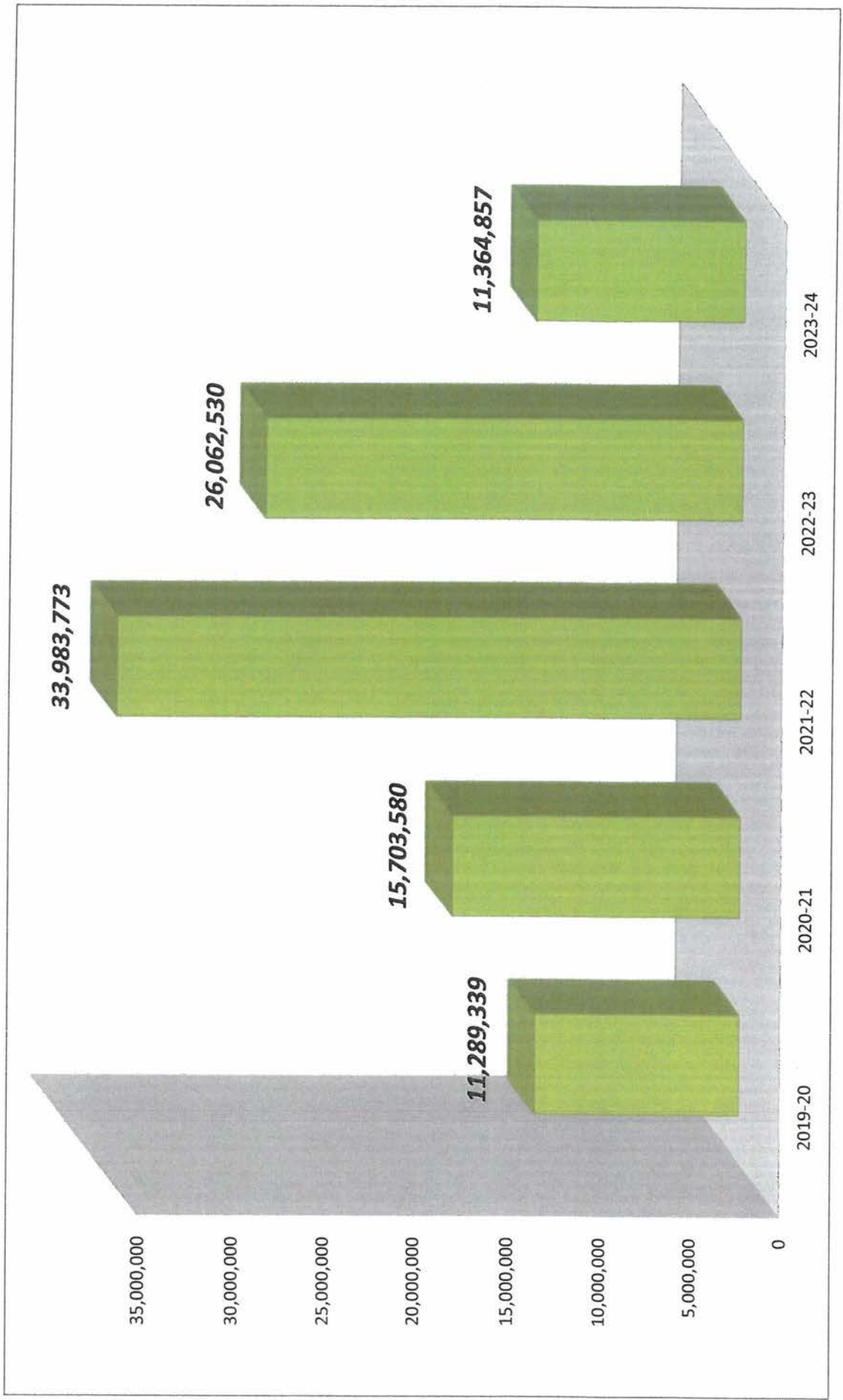
VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Expenditure Summary

Program Category	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total	% of Total
Water	3,425,589	3,129,500	5,288,500	3,145,000	2,275,000	17,263,589	18%
Sewer	1,870,951	5,903,080	21,525,273	14,927,530	3,079,857	47,306,691	48%
Streets	2,733,067	2,966,000	3,755,000	3,535,000	4,405,000	17,394,067	18%
Economic Development	2,960,000	2,910,000	2,910,000	2,150,000	1,200,000	12,130,000	12%
Golf	0	40,000	50,000	1,600,000	0	1,690,000	2%
Other	299,732	755,000	455,000	705,000	405,000	2,619,732	3%
Total	11,289,339	15,703,580	33,983,773	26,062,530	11,364,857	98,404,079	100.00%

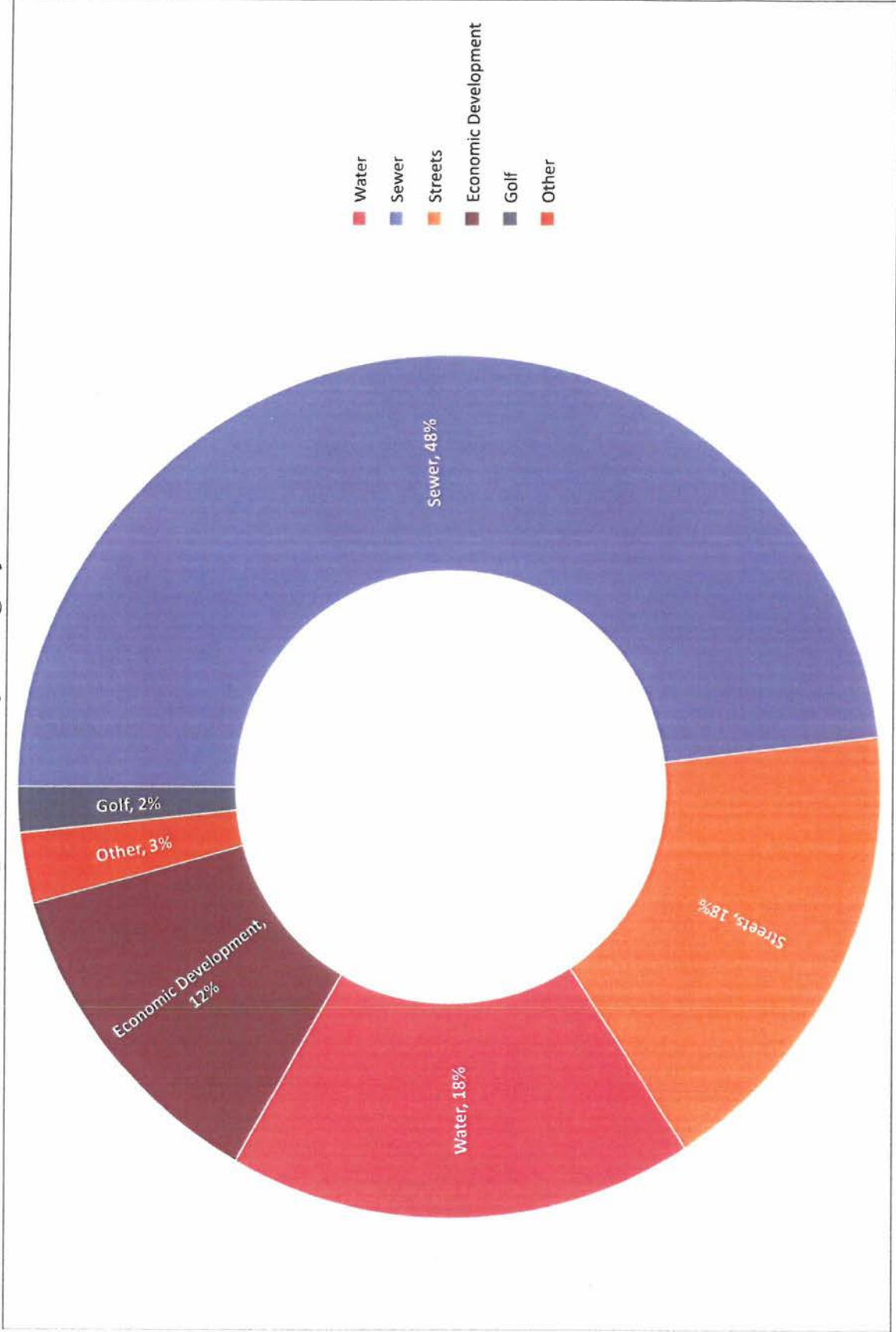
VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Expenditures by Year



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Expenditures by Category



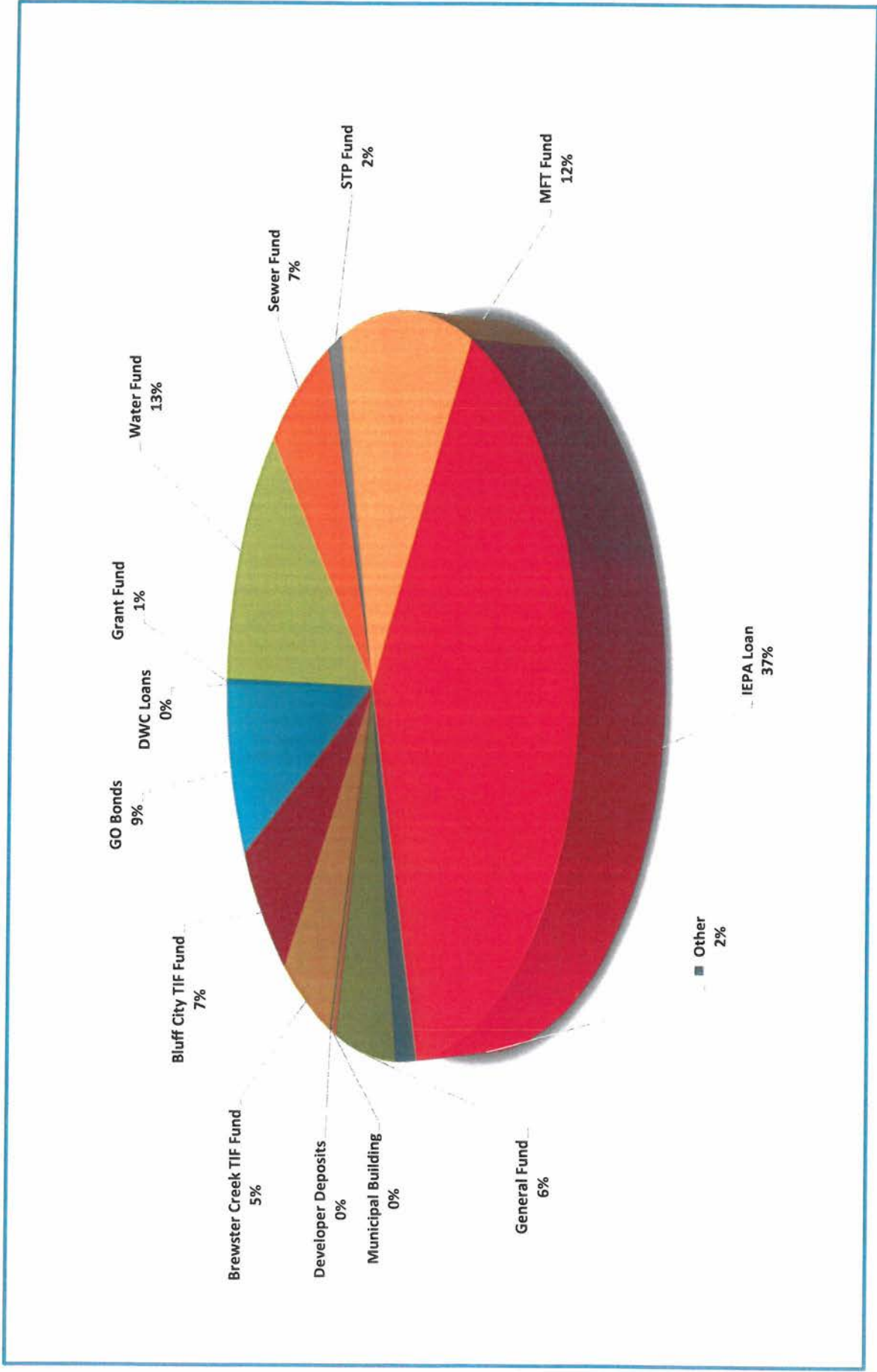
VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Funding Source Summary

Sources of Funds	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total	% of Total
Grant Fund	19,732	331,000	0	0	0	350,732	0.36%
Water Fund	2,425,589	3,129,500	1,788,500	3,145,000	2,275,000	12,763,589	12.97%
Sewer Fund	1,820,951	1,803,080	1,175,273	977,530	979,857	6,756,691	6.87%
STP Fund	980,158	0	0	0	500,000	1,480,158	1.50%
MFT Fund	1,696,612	2,345,000	3,765,000	2,055,139	1,875,000	11,736,751	11.93%
IEPA Loan	1,000,000	850,000	20,100,000	12,500,000	2,100,000	36,550,000	37.14%
Other	20,000	85,000	70,000	1,620,000	20,000	1,815,000	1.84%
General Fund	225,000	535,000	425,000	2,064,861	2,415,000	5,664,861	5.76%
Municipal Building	75,000	415,000	0	0	0	490,000	0.50%
Developer Deposits	16,297	50,000	0	100,000	0	166,297	0.17%
Brewster Creek TIF Fund	1,500,000	1,450,000	1,450,000	950,000	0	5,350,000	5.44%
Bluff City TIF Fund	1,460,000	1,460,000	1,460,000	1,200,000	1,200,000	6,780,000	6.89%
GO Bonds	50,000	3,250,000	3,750,000	1,450,000	0	8,500,000	8.64%
DWC Loans	0	0	0	0	0	0	0.00%
Total	11,289,339	15,703,580	33,983,773	26,062,530	11,364,857	98,404,079	100.00%

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Expenditures by Funding Source



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Capital Projects Expenditure History 2015 - 2019

Program Category	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Five Year Total	% of Total
Water	278,634	459,421	13,695,102	4,202,300	24,316,030	42,951,487	43.09%
Sewer	54,863	819,446	579,820	211,815	215,506	1,881,450	1.89%
Streets	3,257,714	795,856	1,123,564	1,425,495	1,020,663	7,623,292	7.65%
Economic Development	640,400	5,659,300	3,985,000	3,426,314	8,717,965	22,428,979	22.50%
Golf	173,151	0	0	0	0	173,151	0.17%
Other	1,490,740	2,516,225	1,085,000	13,189,666	6,343,796	24,625,427	24.70%
Total	5,895,502	10,250,248	20,468,486	22,455,590	40,613,960	99,683,786	100.00%

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Total Project Costs - Completed Projects

Project	2014-15	2015-16	2016-17	2017-18	2018-19	Total
	Country Creek Lift Station Upgrade		560,000			
Sidewalk/Path Installations		103,812				103,812
MFT Maintenance Program		562,775	730,790	1,300,469		2,594,034
Devon Pond Shoreline Restoration		10,000				10,000
Roadway Maintenance Bond Project	12,048,779					12,048,779
Asphalt Cart Paths	63,818					63,818
Street Garage Building Addition			513,073			513,073
Water Main Replacement				386,950		386,950
Water Tower Painting				238,549		238,549
Schick/Struckman Bridge Rehabilitation			385,000			385,000
North/Prospect Stormwater Detention			5,280,794			5,280,794
Water System Modeling/Pump Station Upgrades					914,550	914,550
Stearns Road/Country Creek Culvert Extension					410,505	410,505
Police Station					19,811,250	19,811,250

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

New Projects by Source of Funds

Project	Page	Water Fund	Municipal Building Fund	Other	Total
Water Meter Changeout	11	2,000,000			2,000,000
Irrigation System Replacement	49			1,650,000	1,650,000
Veranda Resurfacing & Furniture	51		40,000		40,000
Total		2,000,000	40,000	1,650,000	3,690,000

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

2020-21 Projects by Source of Funds

Project	Page	Water Fund	Sewer Fund	MFT Fund	IEPA Loans	GO Bonds	Other	Grants	General Fund	Municipal Building	Developer Deposits	Brewster Creek TIF Fund	Bluff City TIF	Total
Water Main Replacement	3	1,275,000												1,275,000
Water Tower Painting	5	819,500												819,500
Infrastructure Improvements-Water	7	1,000,000												1,000,000
Watermain Leak Survey and Repairs	9	35,000												35,000
Facility Update/Phosphorous Removal	14		73,080											73,080
Sanitary Sewer System Rehabilitation	16		600,000											600,000
Devon Excess Flow Plant Rehabilitation	18				3,250,000									3,250,000
Lift Station Upgrades and Rehabilitation	20		1,130,000											1,130,000
Bittersweet WWTP Improvements	22				850,000									850,000
20/21 MFT Maintenance Program	25		2,270,000											2,270,000
IDOT Intersection Improvements	27										50,000			50,000
North Avenue Resurfacing	31			25,000										25,000
Bike Path Maintenance	33						20,000		20,000					40,000
Parking Lot Improvements	35						65,000		10,000					75,000
Downtown Crosswalk and Curb Reno.	37						131,000							131,000
Oak Street Parking	39									375,000				375,000
Brewster Creek Bus. Park Improvements	44										1,450,000			1,450,000
Bluff City/Blue Heron Improvements	46											1,460,000		1,460,000
Veranda & Furniture	51									40,000				40,000
W. Bartlett/Devon Drainage/Path	54						200,000		200,000					400,000
Stormwater System Improvements	56								305,000					305,000
Schick/DuPage River Engineering Study	58			50,000										50,000
Total		3,129,500	1,803,080	2,345,000	850,000	3,250,000	85,000	331,000	535,000	415,000	50,000	1,450,000	1,460,000	15,703,580

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

2021-22 Projects by Source of Funds

Project	Page	Water Fund	Sewer Fund	MFT Fund	IEPA Loans	GO Bonds	Other	General Fund	Brewster Creek TIF Fund	Bluff City TIF	Total
Water Main Replacement	3	1,275,000									1,275,000
Water Tower Painting	5	476,500									476,500
Infrastructure Improvements-Water	7				3,500,000						3,500,000
Watermain Leak Survey and Repairs	9	37,000									37,000
Facility Update/Phosphorous Removal	14		75,273								75,273
Sanitary Sewer System Rehabilitation	16		600,000								600,000
Devon Excess Flow Plant Rehabilitation	18					3,750,000					3,750,000
Lift Station Upgrades and Rehabilitation	20		500,000								500,000
Bittersweet WWTP Improvements	22				16,600,000						16,600,000
21/22 MFT Maintenance Program	25			2,770,000							2,770,000
Bike Path Maintenance	33						20,000	20,000			40,000
Parking Lot Improvements	35			20,000							20,000
Lake Street Frontage Reconstruction	41			925,000							925,000
Brewster Creek Bus. Park Improvements	44								1,450,000		1,450,000
Bluff City/Blue Heron Improvements	46									1,460,000	1,460,000
Irrigation System Replacement	49						50,000				50,000
Stormwater System Improvements	56							405,000			405,000
Schick/DuPage River Engineering Study	58			50,000							50,000
Total		1,788,500	1,175,273	3,765,000	20,100,000	3,750,000	70,000	425,000	1,450,000	1,460,000	33,983,773

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

2022-23 Projects by Source of Funds

Project	Page	Water Fund	Sewer Fund	MFT Fund	IEPA Loans	GO Bonds	Other	General Fund	Developer Deposits	Brewster Creek TIF Fund	Bluff City TIF	Total
Water Main Replacement	3	1,275,000										1,275,000
Water Tower Painting	5	833,000										833,000
Watermain Leak Survey and Repairs	9	37,000										37,000
Water Meter Changeout	11	1,000,000										1,000,000
Facility Update/Phosphorous Removal	14		77,530									77,530
Sanitary Sewer System Rehabilitation	16		600,000									600,000
Devon Excess Flow Plant Rehabilitation	18				1,450,000							1,450,000
Lift Station Upgrades & Rehabilitation	20		300,000									300,000
Bittersweet WWTP Improvements	22				12,500,000							12,500,000
22/23 MFT Maintenance Program	25			1,660,139				1,639,861				3,300,000
IDOT Intersection Improvements	27								100,000			100,000
Bike Path Maintenance	33					20,000		20,000				40,000
Parking Lot Improvements	35			95,000								95,000
Brewster Creek Bus. Park Improvements	44									950,000		950,000
Bluff City/Blue Heron Improvements	46										1,200,000	1,200,000
Irrigation System Replacement	49					1,600,000						1,600,000
Stormwater System Improvements	56							405,000				405,000
Schick/DuPage River Engineering Study	58			300,000								300,000
Total		3,145,000	977,530	2,055,139	12,500,000	1,450,000	1,620,000	2,064,861	100,000	950,000	1,200,000	26,062,530

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

2023-24 Projects by Source of Funds

Project	Page	Water Fund	Sewer Fund	MFT Fund	STP Funds	IEPA Loans	Other	General Fund	Bluff City TIF	Total
Water Main Replacement	3	1,275,000								1,275,000
Water Meter Changeout	11	1,000,000								1,000,000
Facility Update/Phosphorous Removal	14		79,857							79,857
Sanitary Sewer System Rehabilitation	16		600,000							600,000
Lift Station Upgrades & Rehabilitation	20		300,000							300,000
Bittersweet WWTP Improvements	22					2,100,000				2,100,000
23/24 MFT Maintenance Program	25			1,310,000				1,990,000		3,300,000
North Ave Resurfacing	31			275,000	500,000					775,000
Bike Path Maintenance	33						20,000	20,000		40,000
Parking Lot Improvements	35			290,000						290,000
Bluff City/Blue Heron Improvements	46								1,200,000	1,200,000
Stormwater System Improvements	56							405,000		405,000
Total		2,275,000	979,857	1,875,000	500,000	2,100,000	20,000	2,415,000	1,200,000	11,364,857

Village of Bartlett, Illinois

Capital Improvements Program

2020-2024

Water Projects

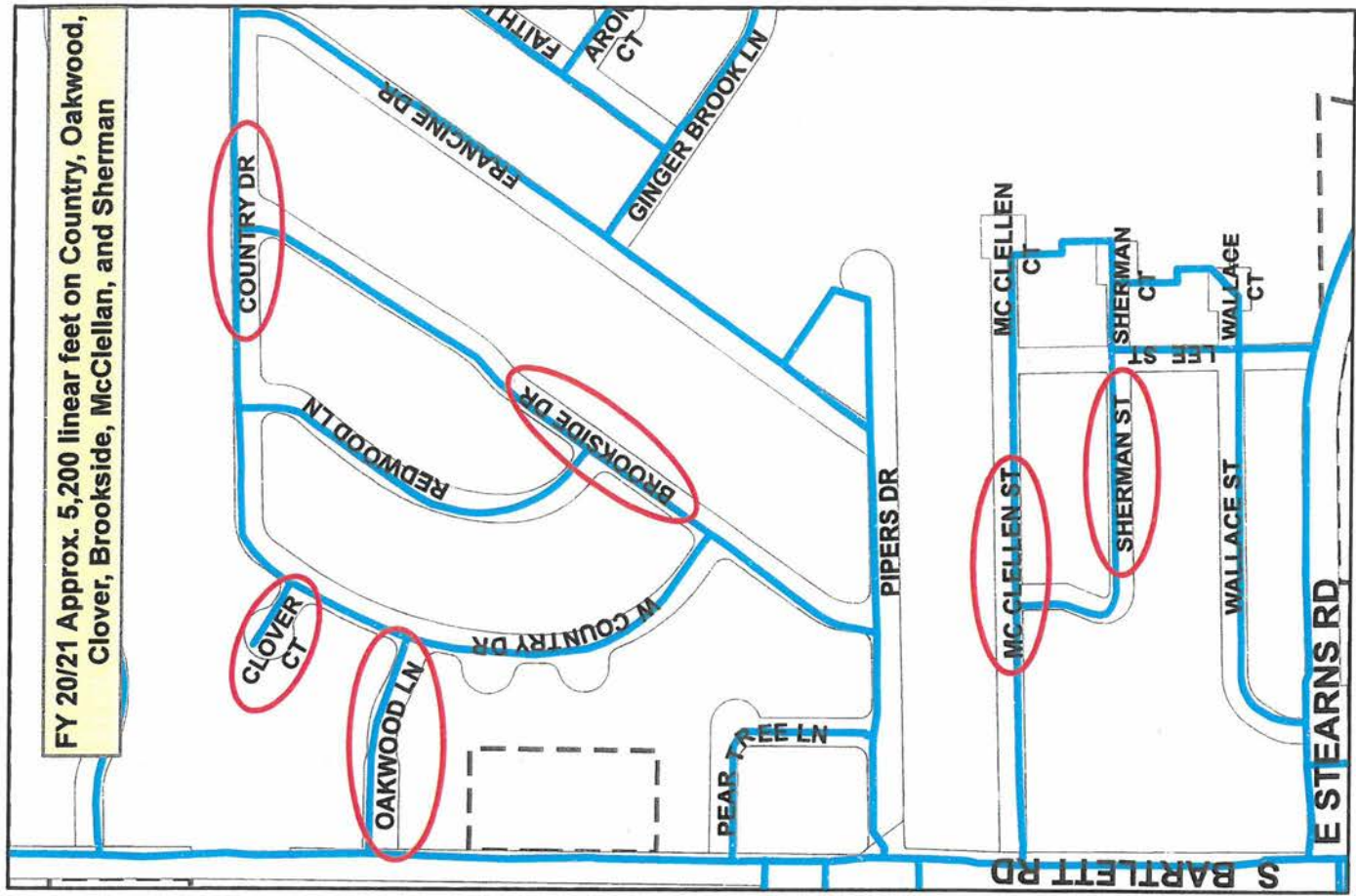
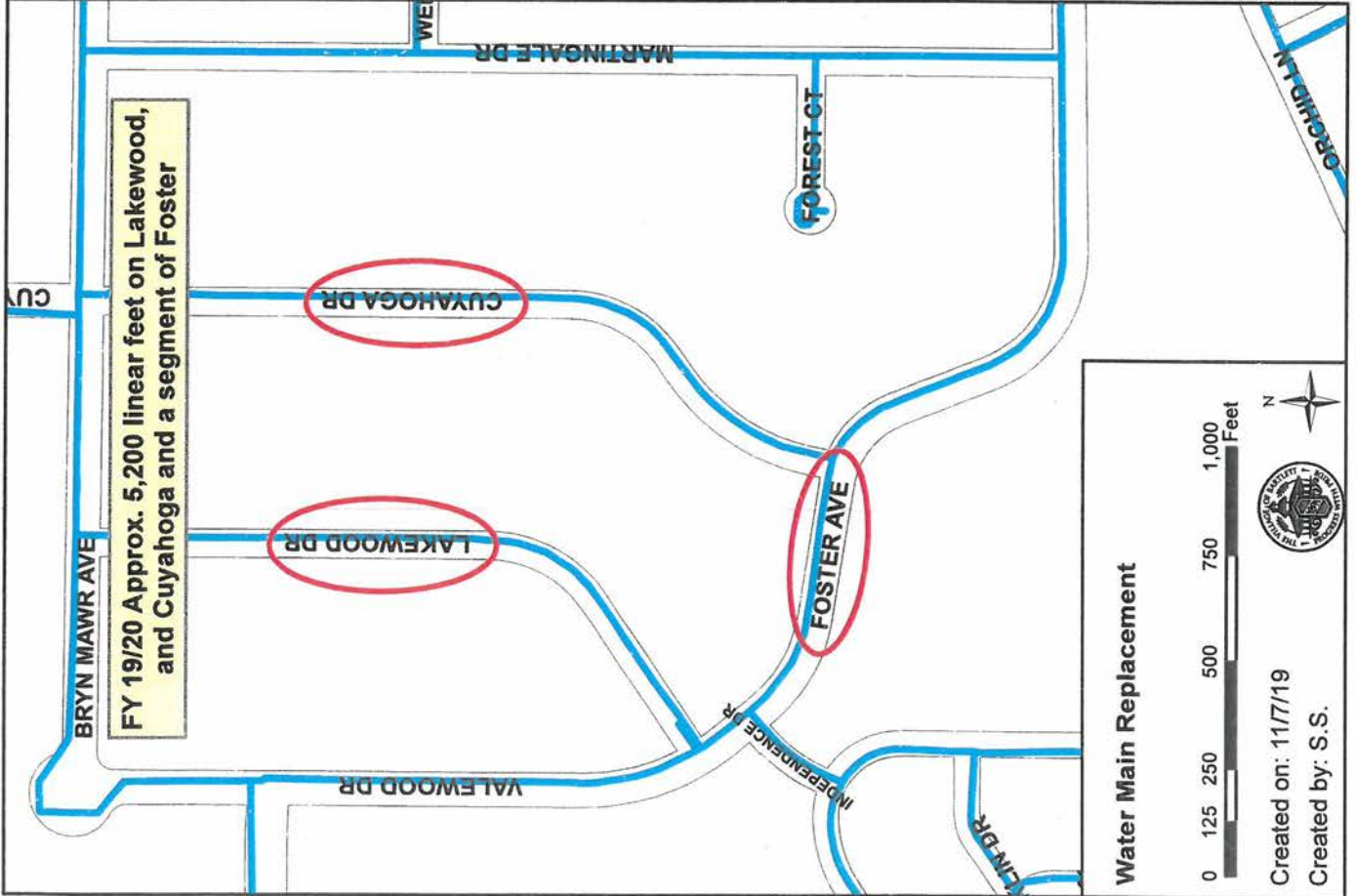


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Water Projects by Year

Project	Page	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Water Main Replacement	3	\$ 890,589	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 5,990,589
Water Tower Painting	5		819,500	476,500	833,000		2,129,000
Infrastructure Improvements with Water Transition	7	2,500,000	1,000,000	3,500,000			7,000,000
Watermain Leak Survey and Leak Repairs	9	35,000	35,000	37,000	37,000		144,000
Water Meter Changeout	11				1,000,000	1,000,000	2,000,000
Total		\$ 3,425,589	\$ 3,129,500	\$ 5,288,500	\$ 3,145,000	\$ 2,275,000	\$ 17,263,589

Sources of Funds	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Water Fund	\$ 2,425,589	\$ 3,129,500	\$ 1,788,500	\$ 3,145,000	\$ 2,275,000	\$ 12,763,589
IEPA Low Interest Rate Loans	1,000,000		3,500,000			4,500,000
						0
						0
Total	\$ 3,425,589	\$ 3,129,500	\$ 5,288,500	\$ 3,145,000	\$ 2,275,000	\$ 17,263,589



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

WATER MAIN REPLACEMENT

Description

This multi-year project consists of replacing water mains that are experiencing frequent main breaks or have capacity concerns.

- FY 19/20- Approx. 5,200 linear feet of water main on Lakewood, Cuyahoga, a segment of Foster and Tennyson
- FY 20/21- Approx. 5,200 linear feet of water main on Country, Oakwood, Clover, Brookside, McClellan, Sherman
- FY 21/22- Approx. 5,200 linear feet of water main; locations TBD
- FY 22/23- Approx. 5,200 linear feet of water main; locations TBD
- FY 23/24- Approx. 5,200 linear feet of water main; locations TBD
- Lead water service line replacements to meet EPA requirements

Comments

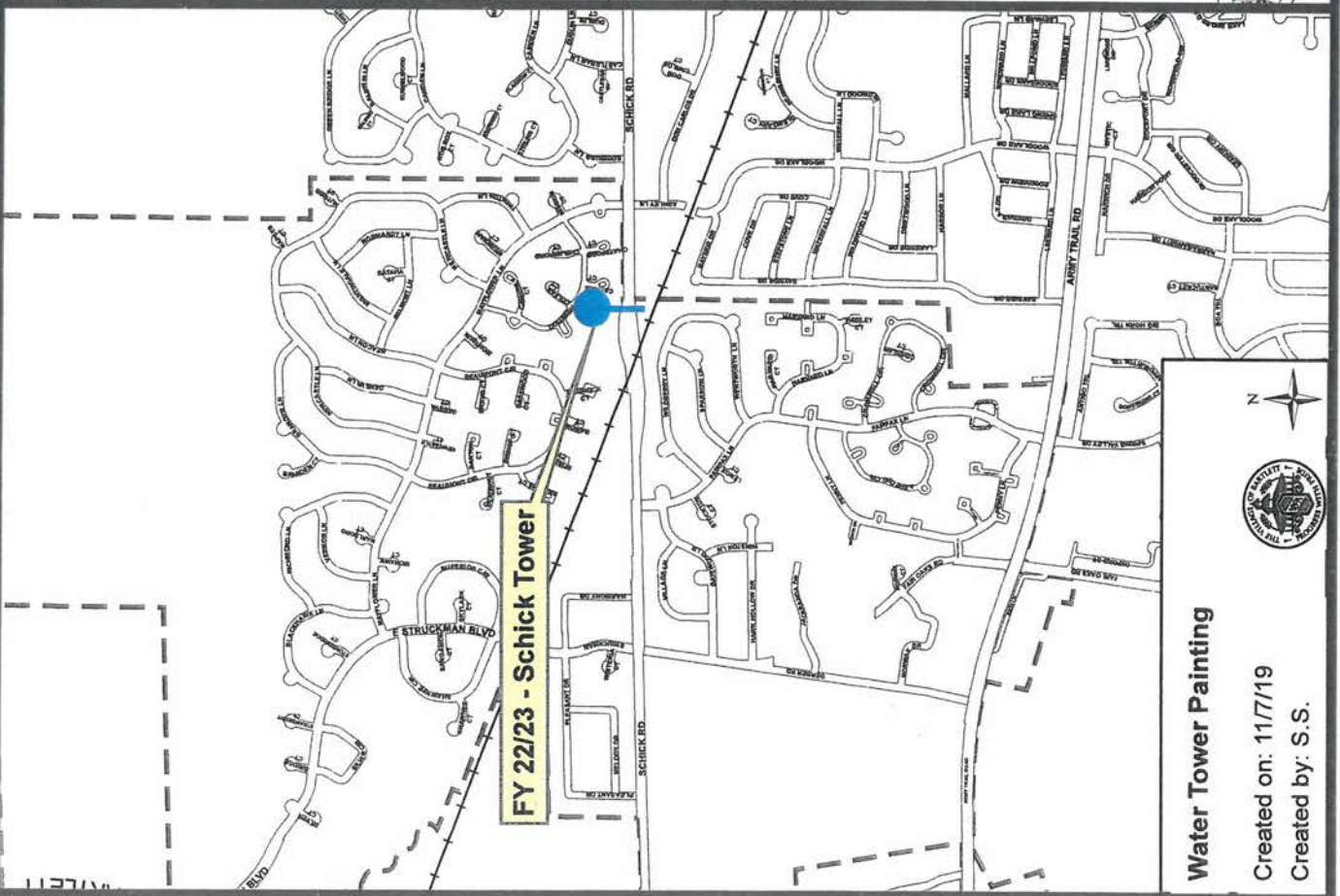
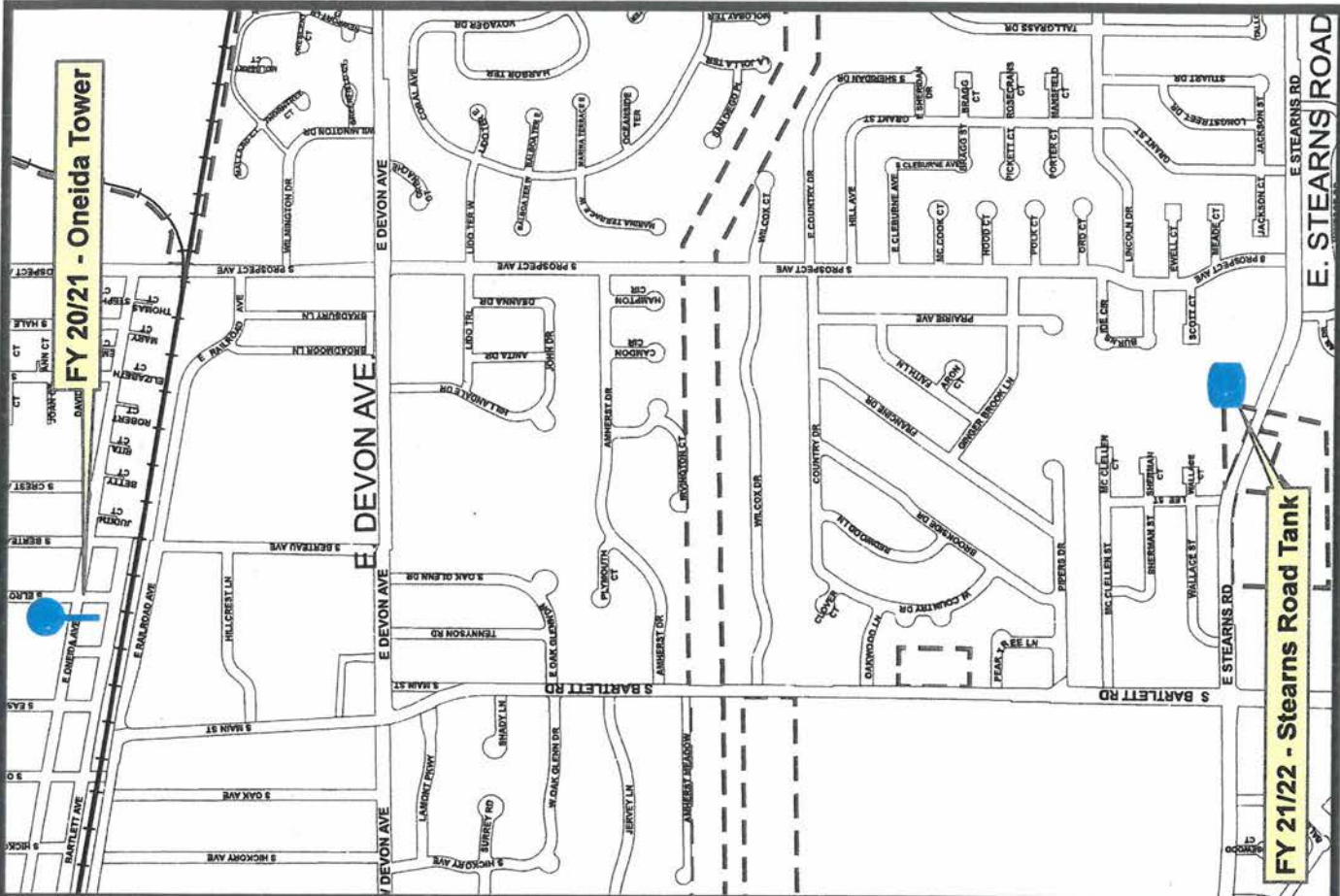
These areas have a history of frequent water main breaks which have resulted in disruption of service and property damage. This program will help reduce our unaccounted water percentage as required by IDNR Lake Michigan water allocation permit.

Future Operating

Budget Impact

This project will not have a significant impact on the Operating budget.

<i>Use of Funds</i>	<i>Prior Year Actual</i>	<i>Estimated 19/20</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>20/21</i>	<i>21/22</i>	<i>22/23</i>	<i>23/24</i>	
Construction	\$ 1,242,594	\$ 790,589	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,033,183
Contingencies			100,000	100,000	100,000	100,000	400,000
Engineering		100,000	100,000	100,000	100,000	100,000	500,000
Lead Service Replacement Program			75,000	75,000	75,000	75,000	300,000
Total	1,242,594	890,589	1,275,000	1,275,000	1,275,000	1,275,000	7,233,183
Source of Funds							
Water Fund	\$ 1,242,594	\$ 890,589	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 7,233,183
Total	\$ 1,242,594	\$ 890,589	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 7,233,183



Water Tower Painting

Created on: 11/7/19
Created by: S.S.

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

WATER TOWER PAINTING

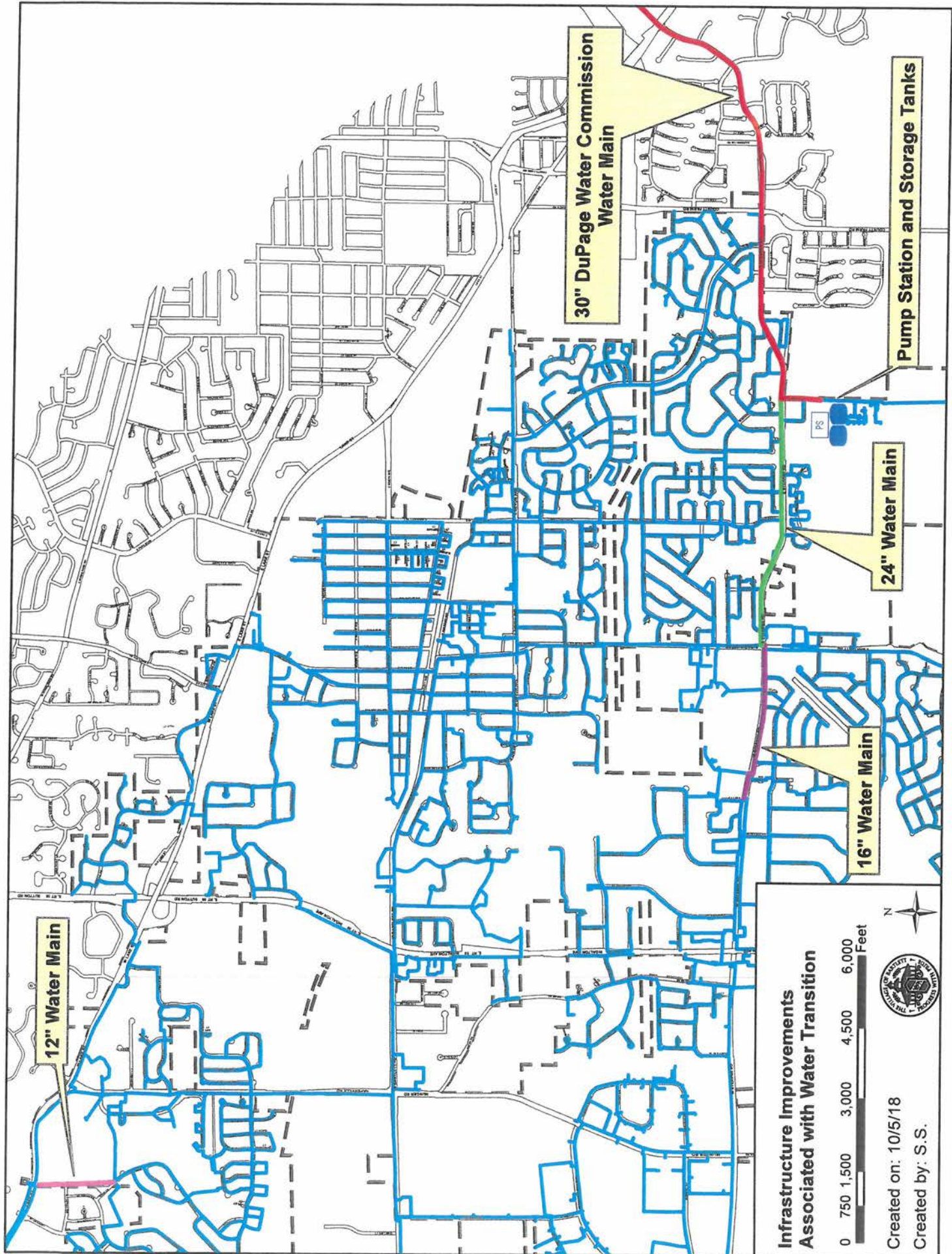
Description This multi-year project consists of sandblasting and painting some of our elevated and ground storage water tanks.

FY20/21- Oneida Tower
 FY21/22- Stearns Road Tank
 FY22/23- Schick Tower

Comments The tanks will be inspected before painting to determine if any structural repairs are required. Water fund dollars have been reserved to fund this project.

Future Operating Budget Impact This project will not have a significant impact on the Operating budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Sandblasting/Painting	\$ 790,229		\$ 725,000	\$ 415,000	\$ 730,000	\$ 2,660,229	
Contingencies			72,500	41,500	73,000	187,000	
Engineering	34,349		22,000	20,000	30,000	106,349	
Total	\$ 824,578		\$ 819,500	\$ 476,500	\$ 833,000	\$ 2,953,578	
Source of Funds							
Water Fund	\$ 824,578		\$ 819,500	\$ 476,500	\$ 833,000	\$ 2,953,578	
Total	\$ 824,578		\$ 819,500	\$ 476,500	\$ 833,000	\$ 2,953,578	



12" Water Main

30" DuPage Water Commission Water Main

24" Water Main

16" Water Main

Pump Station and Storage Tanks

Infrastructure Improvements
Associated with Water Transition



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Created by: S.S.

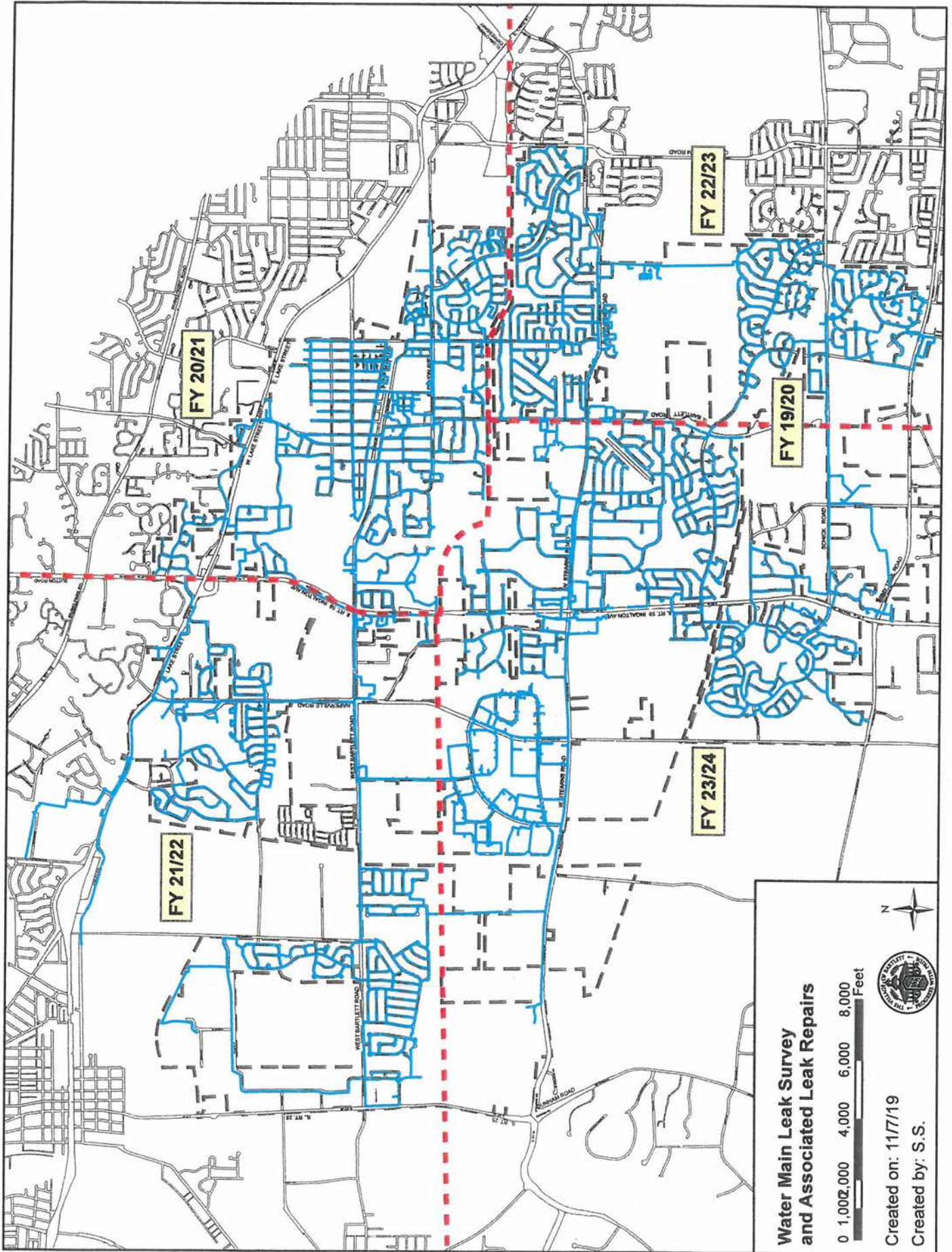


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

INFRASTRUCTURE IMPROVEMENTS ASSOCIATED WITH WATER TRANSITION

Description	This multi-year project involves water infrastructure improvements that will be needed as we transition to 100% purchased water by May 2019. New transmission water main improvements 1.0 million gallon elevated water storage tank, land for pump station and storage tank New pumping station, 3MG ground storage tank, transmission main to connect second pump station Bartlett system water main improvements
Comments	Project was completed 5/15/19. We still have a few minor projects to complete - Stearns Rd. Pump Station Upgrade and water main extensions.
Operating Budget Impact	These improvements will not have an impact on the operating budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years			Project Totals
			20/21	21/22	22/23	
DWC transmission main and meter sta.	\$ 14,896,177					\$ 14,896,177
Pump station, 3MG storage tank	7,191,806	\$ 1,000,000				8,191,806
Bartlett water main improvements	3,973,592	1,500,000	\$ 1,000,000			5,473,592
Stearns Rd Pump Station Improvements				\$ 3,500,000		1,000,000
1.0 million gallon elevated tank, land						3,500,000
DWC Capital Buy-In	13,030,632					13,030,632
Total	\$ 39,092,207	\$ 2,500,000	\$ 1,000,000	\$ 3,500,000		\$ 46,092,207
Source of Funds						
DWC loans	\$ 31,015,214					\$ 31,015,214
IEPA low interest loans	6,051,689	\$ 1,000,000		\$ 3,500,000		10,551,689
USEPA Grant	485,000					485,000
Water Fund	1,540,304	1,500,000	\$ 1,000,000			4,040,304
Total	\$ 39,092,207	\$ 2,500,000	\$ 1,000,000	\$ 3,500,000		\$ 46,092,207



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

WATERMAIN LEAK SURVEY AND ASSOCIATED LEAK REPAIRS

Description

This multi-year project involves doing a comprehensive leak survey of our entire distribution system to help reduce our water loss. The entire system will be surveyed over a 2-year period, then we will do a quarter of the system every four years.

- FY 19/20- Survey approximately 50 miles of watermain in the south half of our distribution system
- FY 20/21- Survey approximately 50 miles of watermain in the northeast section of our distribution system.
- FY 21/22- Survey approximately 50 miles of watermain in the northwest section of our distribution system.
- FY 22/23- Survey approximately 50 miles of watermain in the southeast section of our distribution system.
- FY 23/24- Survey approximately 50 miles of watermain in the southwest section of our distribution system.

Comments

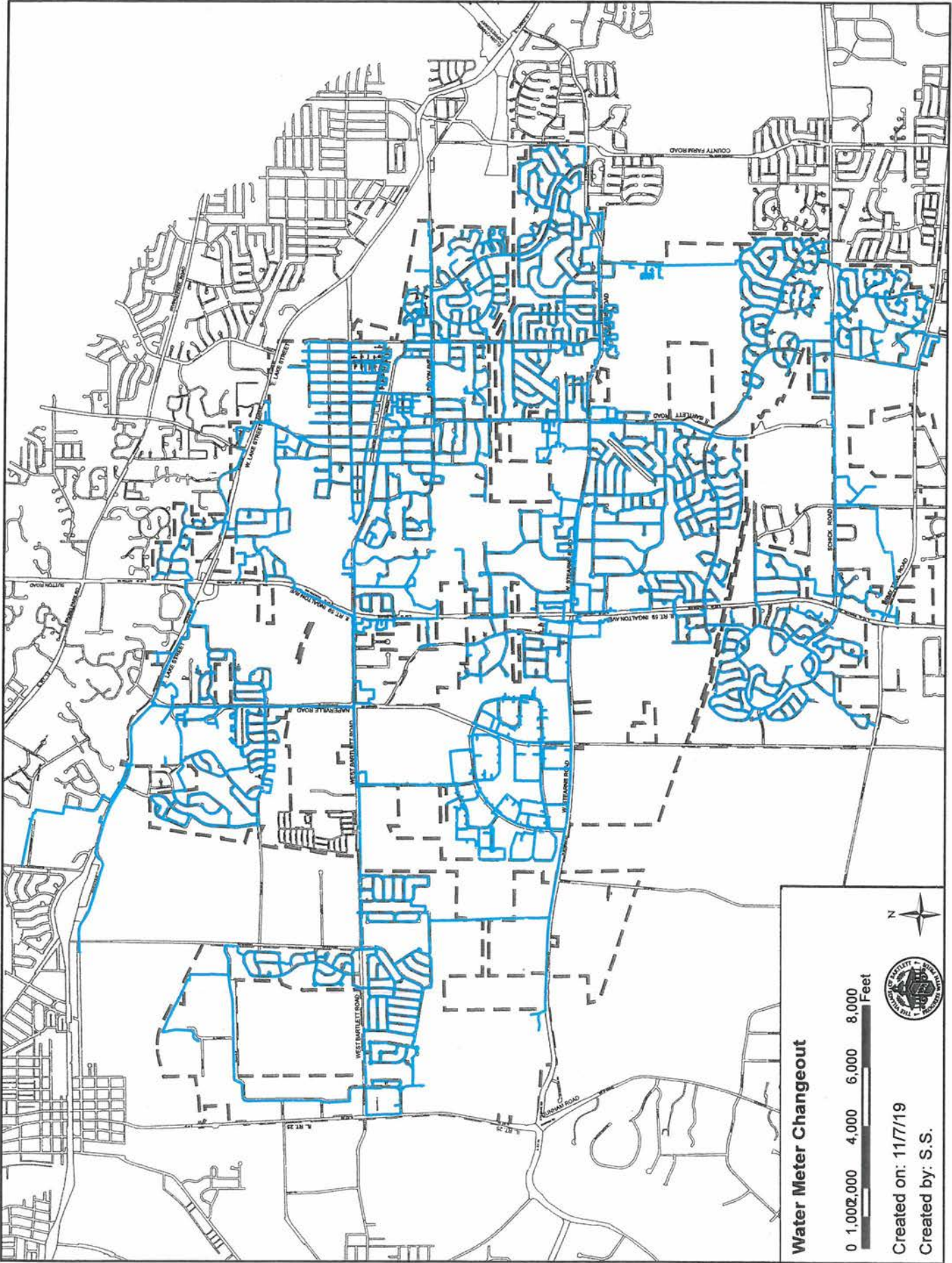
Leaks will be repaired as they are found. This program will help reduce water loss as required by the IDNR Lake Michigan water allocation permit.

Operating Budget

These improvements will not have an impact on the operating budget.

Impact


Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Survey approximately 95 miles of main		\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000	\$ 44,000	
Survey approximately 50 miles of main		25,000	25,000	25,000	25,000	100,000	
Repairs to leaks as they are found							
Total		\$ 35,000	\$ 35,000	\$ 37,000	\$ 37,000	\$ 144,000	
Source of Funds							
Water Fund		\$ 35,000	\$ 35,000	\$ 37,000	\$ 37,000	\$ 144,000	
Total		\$ 35,000	\$ 35,000	\$ 37,000	\$ 37,000	\$ 144,000	



Water Meter Changeout

0 1,000 2,000 4,000 6,000 8,000 Feet

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Created by: S.S.



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

WATER METER CHANGEOUT [NEW PROJECT]

Description

This multi-year project involves replacing our entire meter system to a fixed network system. The entire system will be replaced over a 3-year period.

The Village replaced water meters in early 2000's and is in need of replacing the meters based on a ~20 year life cycle. The current system the meters are read through a drive around town, We are proposing to replace the meters with a system that would allow communication through a fixed network or cellular that would avoid driving around town.

FY 22/23- Replace ~33% of system.

FY 23/24- Replace ~33% of system.

FY 24/25- Replace remainder of system.

Comments
This will help reduce water loss from meter malfunctions and allow better communication with customers with more frequent meter information.

Operating Budget

This improvement will reduce the amount of time the water crew will be reading meters and allow more time for maintenance of the system.

Impact

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Meters Replaced					\$ 1,000,000	\$ 1,000,000	\$ 2,000,000
Total					\$ 1,000,000	\$ 1,000,000	\$ 2,000,000
Source of Funds							
Water Fund					\$ 1,000,000	\$ 1,000,000	\$ 2,000,000
Total					\$ 1,000,000	\$ 1,000,000	\$ 2,000,000

Village of Bartlett, Illinois

Capital Improvements Program

2020-2024

Sewer Projects

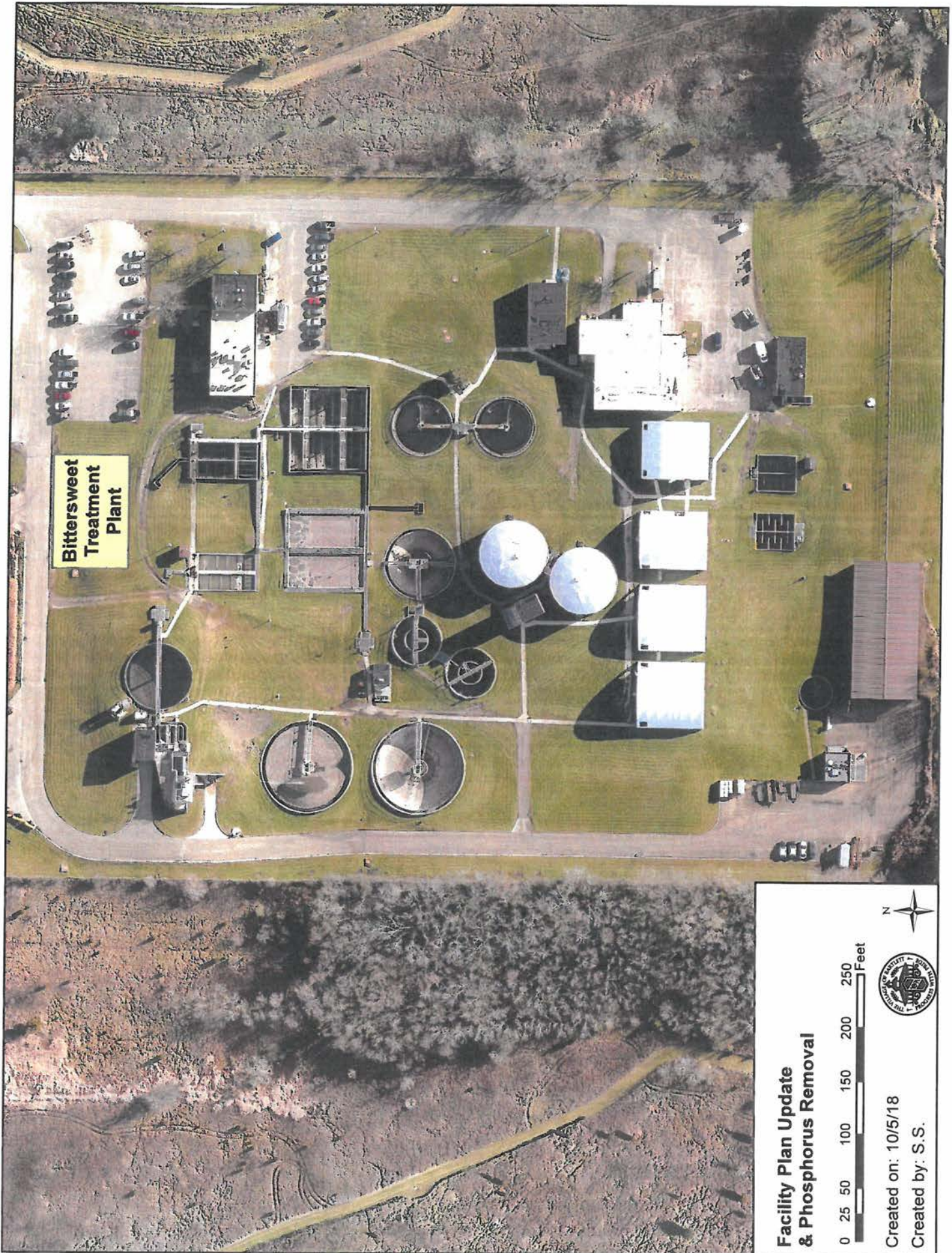


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Sewer Projects by Year

Project	Page	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Facility Plan Update/Phosphorous Removal	14	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	\$ 376,691
Sanitary Sewer System Rehabilitation	16	600,000	600,000	600,000	600,000	600,000	3,000,000
Devon Excess Flow Plant Rehabilitation	18	250,000	3,250,000	3,750,000	1,450,000		8,700,000
Lift Station Upgrades and Rehabilitation	20	50,000	1,130,000	500,000	300,000	300,000	2,280,000
Bittersweet WWTP Facility Plan Improvements	22	900,000	850,000	16,600,000	12,500,000	2,100,000	32,950,000
Total		\$ 1,870,951	\$ 5,903,080	\$ 21,525,273	\$ 14,927,530	\$ 3,079,857	\$ 47,306,691

Sources of Funds	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Sewer Fund	\$ 1,820,951	\$ 1,803,080	\$ 1,175,273	\$ 977,530	\$ 979,857	\$ 6,756,691
2019 Bonds	50,000	3,250,000	3,750,000	1,450,000		8,500,000
IEPA Low Interest Rate Loan		850,000	16,600,000	12,500,000	2,100,000	32,050,000
Total	\$ 1,870,951	\$ 5,903,080	\$ 21,525,273	\$ 14,927,530	\$ 3,079,857	\$ 47,306,691



**Bittersweet
Treatment
Plant**

**Facility Plan Update
& Phosphorus Removal**



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Created by: S.S.

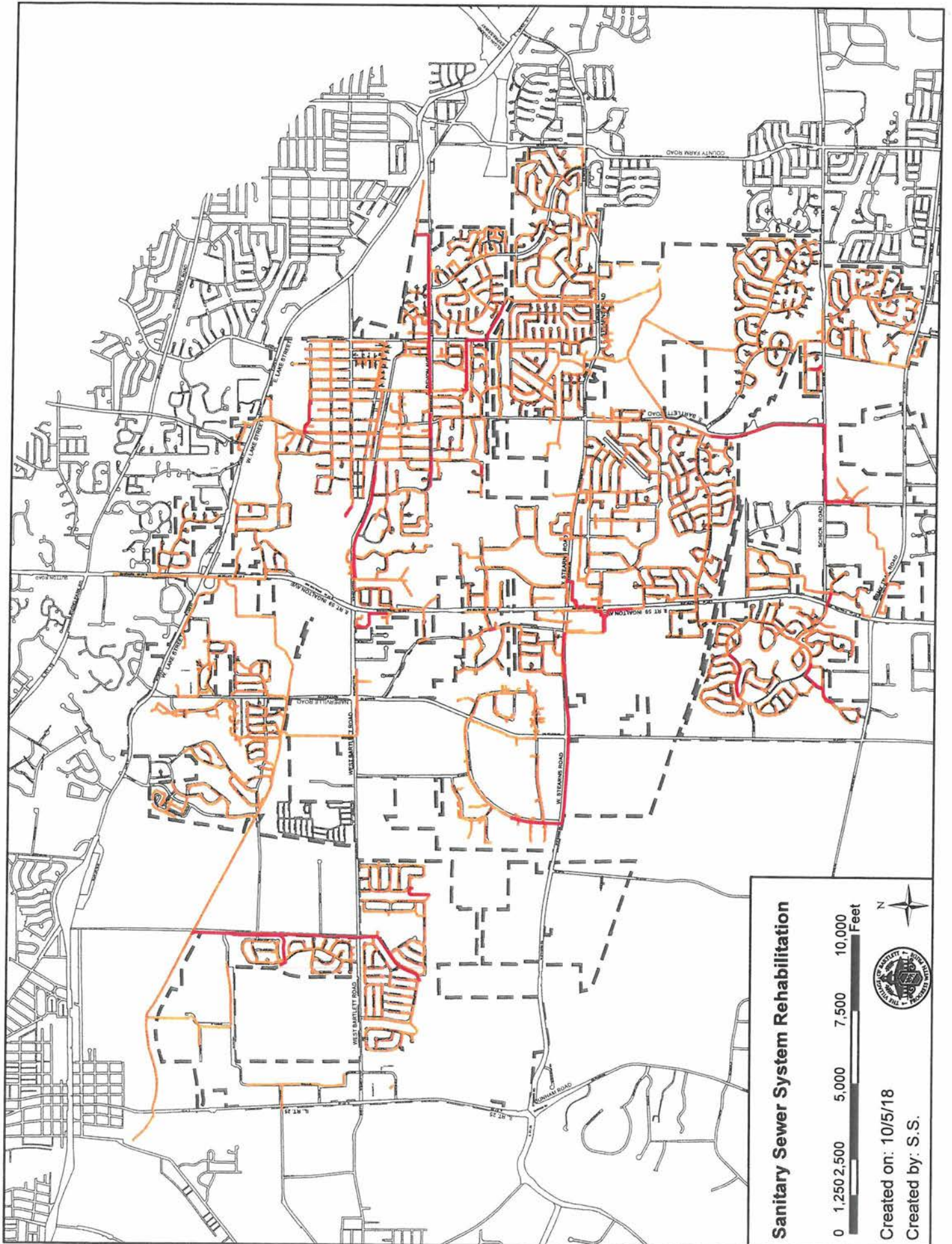


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

FACILITY PLAN UPDATE & PHOSPHOROUS REMOVAL

Description	This project consists of updating the wastewater treatment plant's facility plan and reviewing the Phosphorous Removal System to be utilized at the Bittersweet Treatment Plant. The IEPA phosphorous limits for wastewater plant effluent have been added to our NPDES permit.
Comments	The Village approved the Special Conditions that the DuPage River Salt Creek Workgroup (DRSCW) negotiated with the IEPA. This gives us until ~2023 to implement phosphorus removal. The Facility Plan update has been submitted to the IEPA for The costs below represent the dues payment to DRSCW for the project implementation plan that was approved by the IEPA for improvements along the DuPage River and Salt Creek.
Future Operating Budget Impact	The impact on the Operating budget will depend on the system designed. The primary impact will be increased chemical and electrical costs.


<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 19/20</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>20/21</i>	<i>21/22</i>	<i>22/23</i>	<i>23/24</i>	
Engineering Contingencies	\$ 229,739						\$ 229,739
DRSCW Dues	128,689	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	505,380
Total	\$ 358,428	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	\$ 735,119
Source of Funds							
Sewer Fund	\$ 358,428	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	\$ 735,119
Total	\$ 358,428	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	\$ 735,119



Sanitary Sewer System Rehabilitation

0 1,250 2,500 5,000 7,500 10,000 Feet

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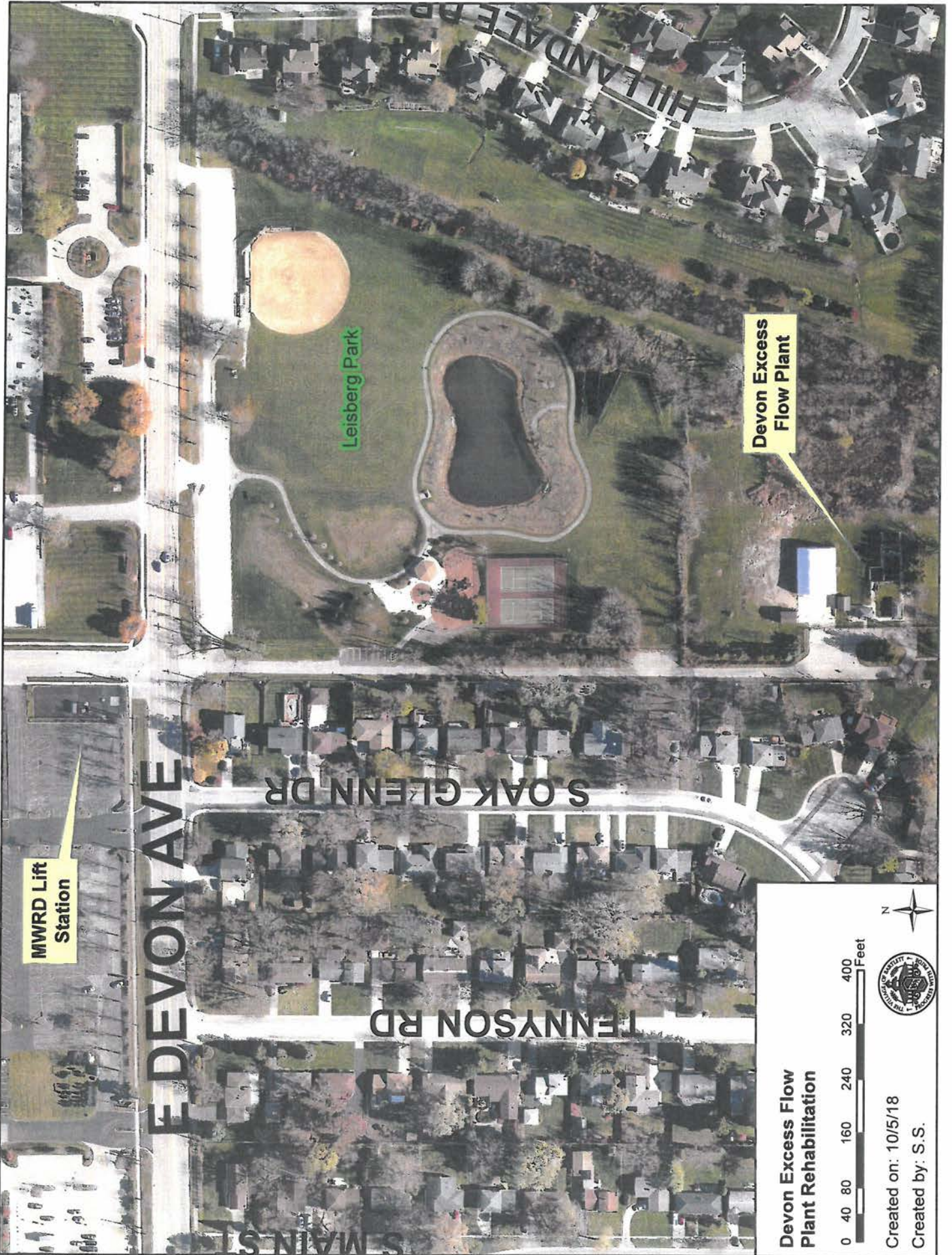


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

SANITARY SEWER SYSTEM REHABILITATION

Description	This project consists of evaluating the condition of the sanitary sewer collection system throughout the Village. As our collection system ages, leaks develop in pipes that allow excess water into the system during rain events. These excess flows cause back-ups in homes and overflow manholes. The excess water results in excursions at our plants and increases our treatment costs. The evaluation will identify those areas within the collection system that contribute to this problem. MWRD requires tributary municipalities to develop short-term and long-term sanitary sewer rehabilitation programs to deal with excessive flows.	
Comments	With the use of our sewer camera and flow monitors we are able to determine which areas of the collection system need maintenance and put projects together to line manholes and sewers. We will also smoke test areas to determine sources excess inflow. The Village will continue a program where the homeowner shares a cost in lining of the lateral service (50/50-not to exceed \$5,000), which would reduce I&L.	
Future Operating Budget Impact	No increase to the collection system maintenance costs.	

Use of Funds	Prior Year Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction (replacement & lining)	\$ 88,888	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,000,000
Engineering		50,000	50,000	50,000	50,000	50,000	338,888
Contingencies		25,000	25,000	25,000	25,000	25,000	125,000
Flow Monitoring Study		75,000	75,000	75,000	75,000	75,000	375,000
Private Lateral Line		50,000	50,000	50,000	50,000	50,000	250,000
Total	\$ 88,888	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,088,888
Source of Funds							
Sewer Fund	\$ 88,888	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,088,888
Total	\$ 88,888	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,088,888



MWRD Lift Station

Devon Excess Flow Plant

Leisberg Park

E DEVON AVE

S OAK GLENN DR

FENNYSON RD

0 40 80 160 240 320 400 Feet

Devon Excess Flow Plant Rehabilitation

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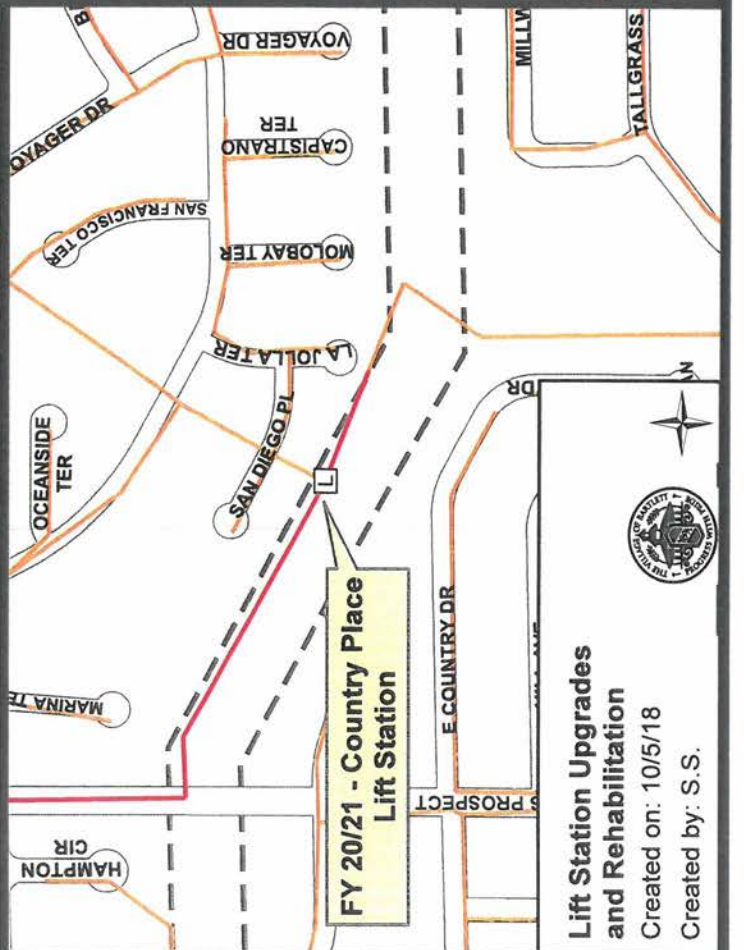
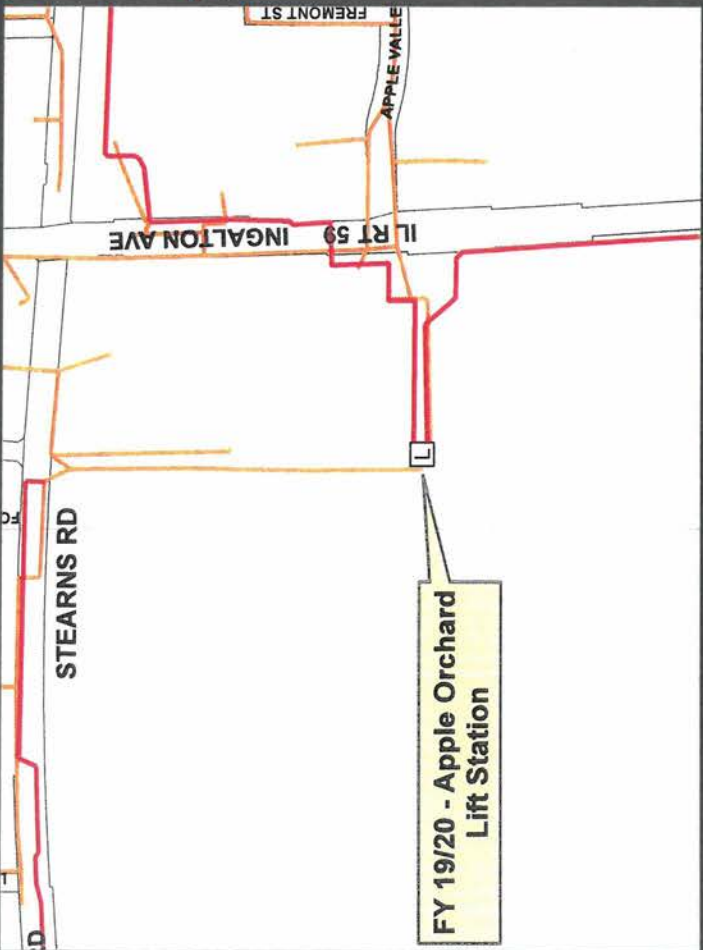
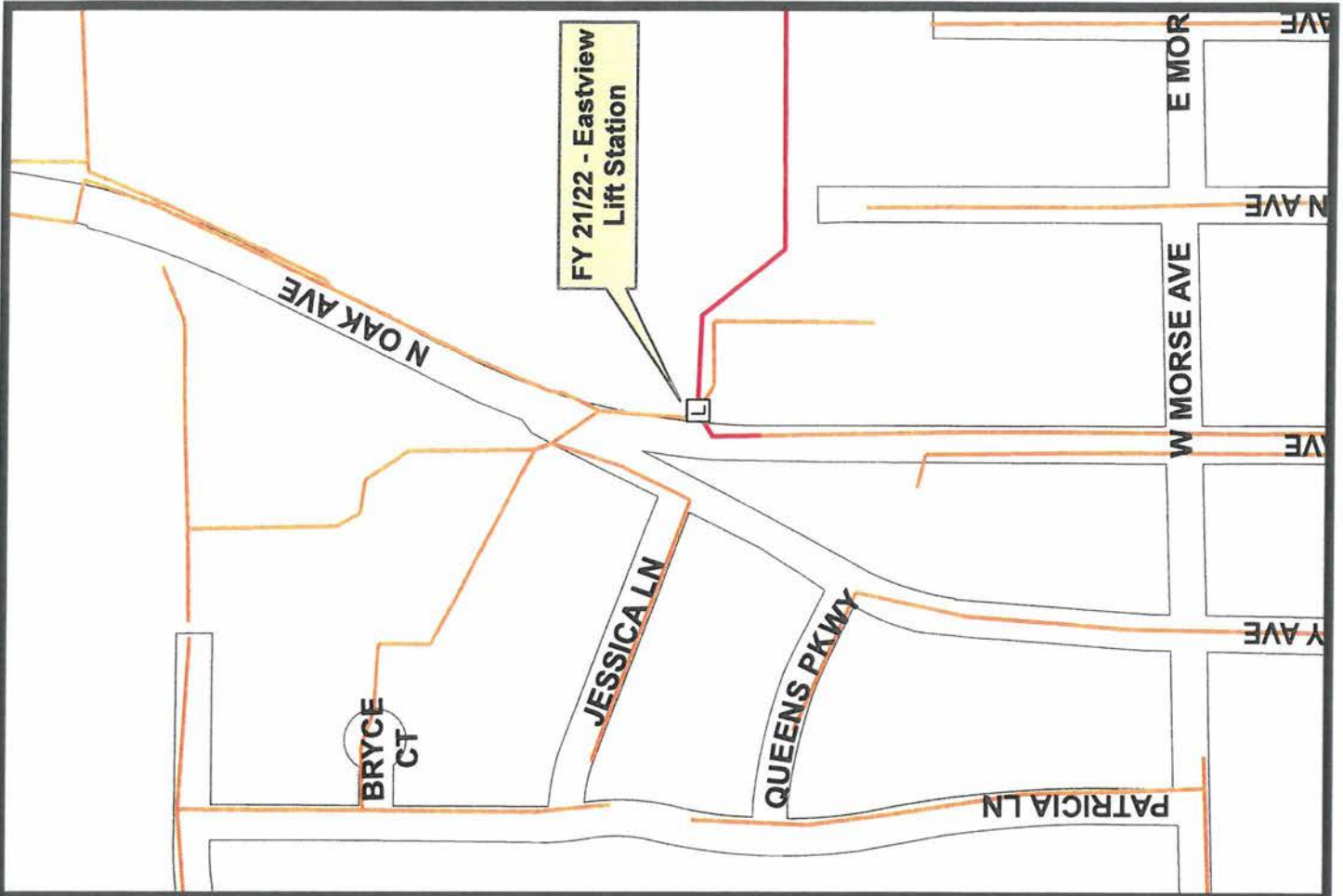


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

DEVON EXCESS FLOW PLANT REHABILITATION

Description	Based on violation notice from IEPA, we are currently looking at alternatives to meet the new NPDES regulations which took effect October 1, 2015. These alternatives include working with MWRD to accept all tributary flow in Cook County, building storage tanks and upgrading pumping which would allow all the Cook County flow to travel to the Bittersweet WWTP.
Comments	After much discussion with MWRD, it has been determined that the most cost effective option is to build a new lift station and force main and pump the excess flow to the Bittersweet WWTP.
Future Operating Budget Impact	No impact to operating budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction	\$ 248,634	\$ 250,000	\$ 3,000,000	\$ 3,500,000	\$ 1,000,000	\$ 7,500,000	
Engineering			250,000	250,000	250,000	1,248,634	
Contingencies					200,000	200,000	
Total	\$ 248,634	\$ 250,000	\$ 3,250,000	\$ 3,750,000	\$ 1,450,000	\$ 8,948,634	
Source of Funds							
Bond Issue	\$ 248,634	\$ 50,000	\$ 3,250,000	\$ 3,750,000	\$ 1,450,000	\$ 8,500,000	
Sewer Fund		200,000				448,634	
Total	\$ 248,634	\$ 250,000	\$ 3,250,000	\$ 3,750,000	\$ 1,450,000	\$ 8,948,634	



**FY 19/20 - Apple Orchard
Lift Station**

**FY 21/22 - Eastview
Lift Station**

**FY 20/21 - Country Place
Lift Station**

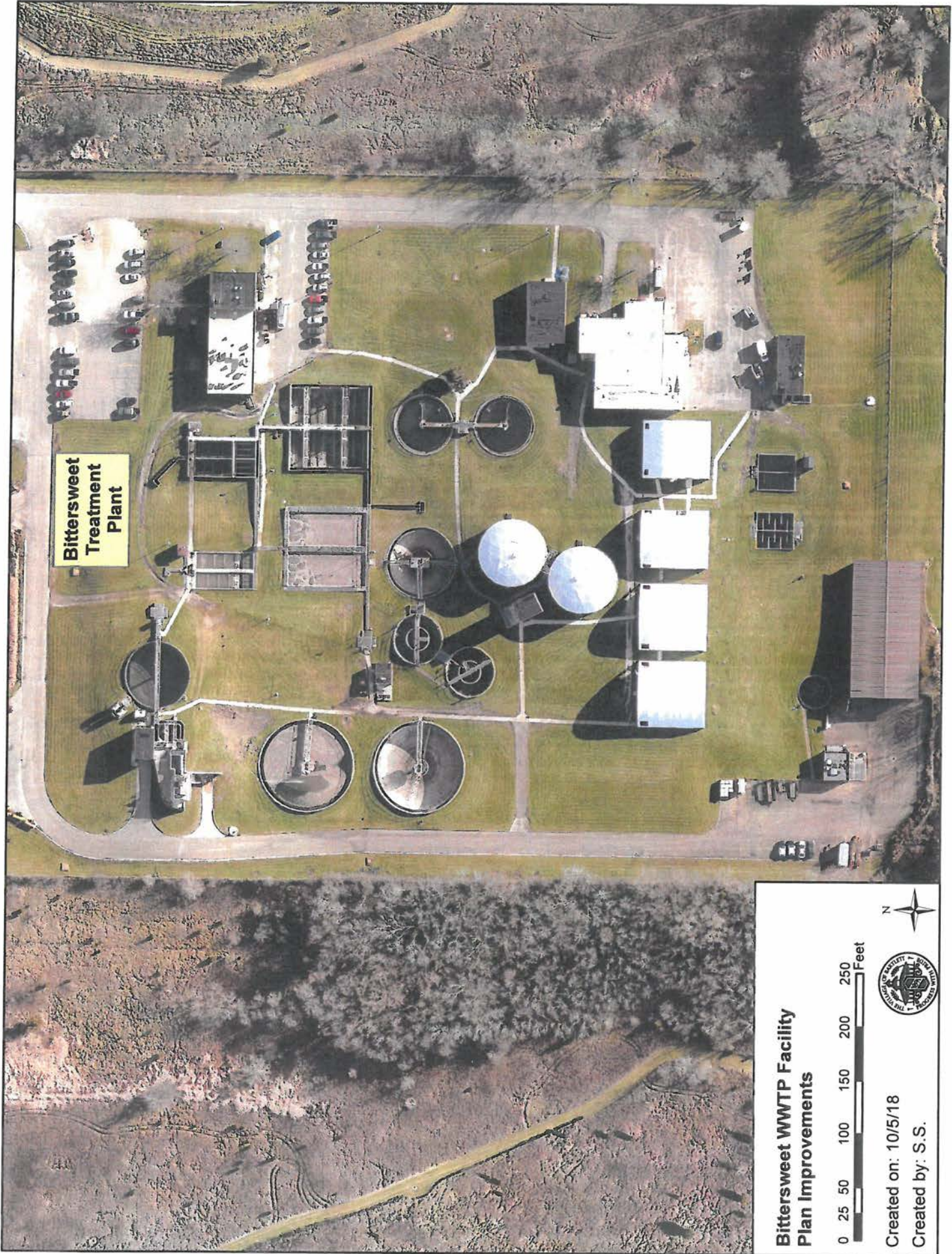
**Lift Station Upgrades
and Rehabilitation**
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Created by: S.S.

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

LIFT STATION UPGRADES AND REHABILITATION

Description	<p>This project consists of improving the condition and safety of the lift stations. This project includes 2 underground lift stations as well as the WWTP's heaviest flow amount.</p> <p>Apple Orchard Lift Station-2019/2020 (postponed until 2020 due to high bids)</p> <p>Country Place Lift Station -2021/2022</p> <p>Eastview Lift Station-2022/2023</p> <p>Lift Station TBD - 2023/2024</p>
Comments	This project will decrease the safety risks of entering underground lift station wet wells.
Future Operating Budget Impact	This project may decrease the collection system maintenance costs.

Use of Funds	Prior Year Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction		\$ 0	\$ 1,000,000	\$ 450,000	\$ 250,000	\$ 250,000	\$ 1,950,000
Engineering	\$ 31,161	40,000	80,000	40,000	40,000	40,000	271,161
Contingencies		10,000	50,000	10,000	10,000	10,000	90,000
Total	\$ 31,161	\$ 50,000	\$ 1,130,000	\$ 500,000	\$ 300,000	\$ 300,000	\$ 2,311,161
Source of Funds							
Sewer Fund	31,161	50,000	1,130,000	500,000	300,000	300,000	2,311,161
Total	\$ 31,161	\$ 50,000	\$ 1,130,000	\$ 500,000	\$ 300,000	\$ 300,000	\$ 2,311,161



**Bittersweet
Treatment
Plant**

**Bittersweet WWTP Facility
Plan Improvements**



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VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

BITTERSWEET WWTP FACILITY PLAN IMPROVEMENTS

Description Necessary Equipment replacement for compliance of NPDES Permit:

- Tertiary Filters upgrade
- Influent Screening/Grit Removal
- Blower Replacement & Aerobic Digester Rehabilitation
- Primary/Secondary Treatment
- Disinfection
- Excess Flow Treatment
- Phosphorus Removal Upgrades
- Miscellaneous Site Upgrades

Comments We have applied for an IEPA Low Interest Loan

Note: We will bid as one project as directed by the Village Board

Future Operating Budget Impact No significant Increase to Operating Budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction				\$ 15,500,000	\$ 11,500,000	\$ 1,500,000	\$ 28,500,000
Engineering	\$ 0	\$ 900,000	\$ 850,000	600,000	500,000	100,000	2,950,000
Contingencies				500,000	500,000	500,000	1,500,000
Total	\$ 0	\$ 900,000	\$ 850,000	\$ 16,600,000	\$ 12,500,000	\$ 2,100,000	\$ 32,950,000
Source of Funds							
IEPA Low Interest Loan							
Sewer Fund	\$ 0	\$ 900,000	\$ 850,000	\$ 16,600,000	\$ 12,500,000	\$ 2,100,000	\$ 32,050,000
Total	\$ 0	\$ 900,000	\$ 850,000	\$ 16,600,000	\$ 12,500,000	\$ 2,100,000	\$ 32,950,000

Village of Bartlett, Illinois

Capital Improvements Program

2020-2024

Street Projects

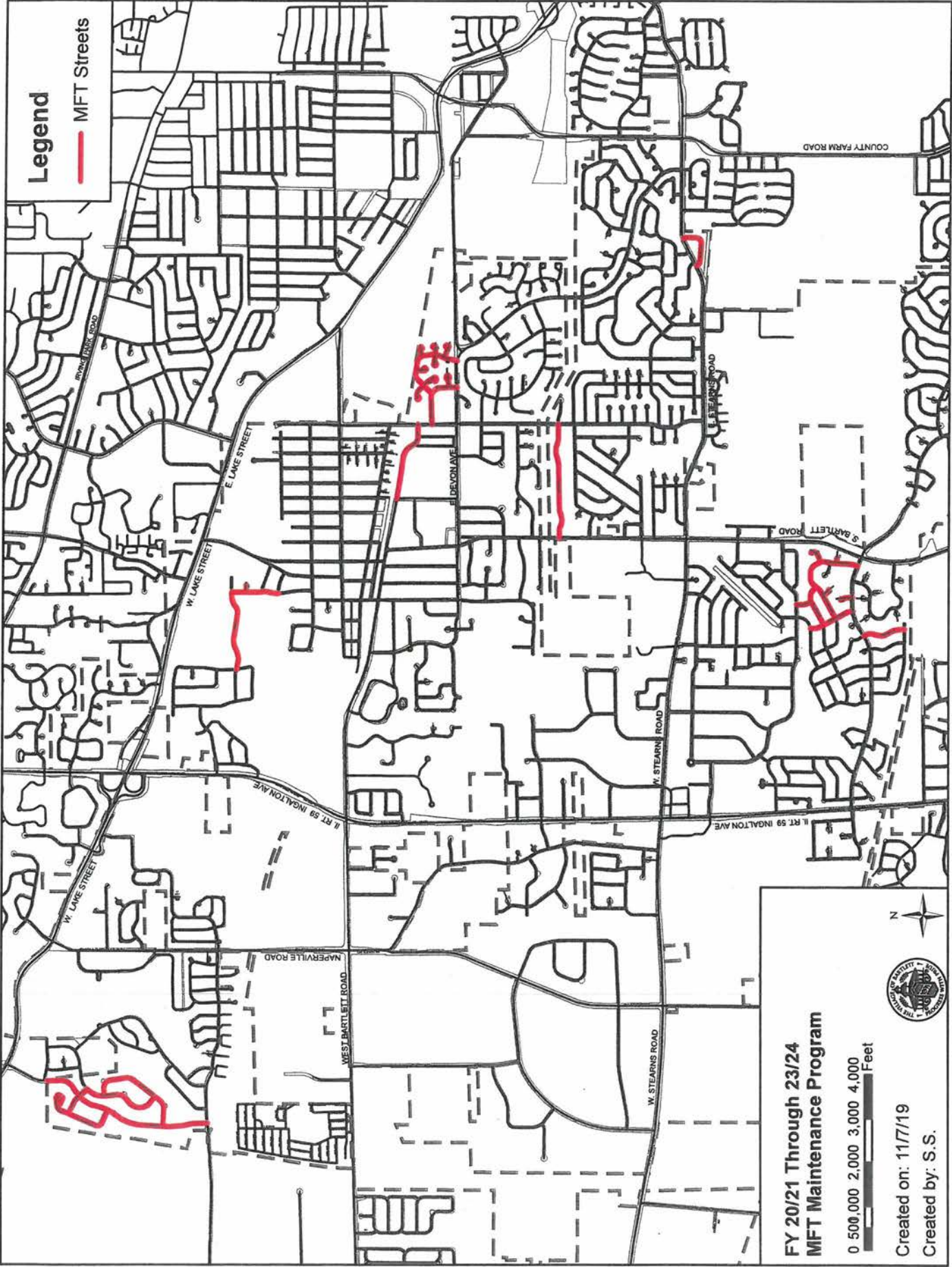


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Street Projects by Year

Project	Page	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
20/21 - 23/24 MFT Maintenance Program	25	\$ 1,286,545	\$ 2,270,000	\$ 2,770,000	\$ 3,300,000	\$ 3,300,000	\$ 12,926,545
IDOT Intersection Improvements	27	16,297	50,000		100,000		166,297
Schick and Petersdorf Road Resurfacing	29	1,300,225					1,300,225
North Avenue Resurfacing	31		25,000			775,000	800,000
Bike Path Maintenance	33	40,000	40,000	40,000	40,000	40,000	200,000
Parking Lot Improvements	35	15,000	75,000	20,000	95,000	290,000	495,000
Downtown Crosswalk and Curb	37		131,000				131,000
South Oak Avenue Parking Lot	39	75,000	375,000				450,000
Lake Street Frontage Road Reconstruction	41			925,000			925,000
Total		\$ 2,733,067	\$ 2,966,000	\$ 3,755,000	\$ 3,535,000	\$ 4,405,000	\$ 17,394,067

Sources of Funds	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
MFT Fund	\$ 1,621,612	\$ 2,295,000	\$ 3,715,000	\$ 1,755,139	\$ 1,875,000	\$ 11,261,751
STP Fund	980,158				500,000	1,480,158
Grant Funding		131,000				131,000
Municipal Building Fund	75,000	375,000				450,000
Developer Deposits Fund	16,297	50,000		100,000		166,297
Parking Fund		65,000				65,000
General Fund	20,000	30,000	20,000	1,659,861	2,010,000	3,739,861
Park District	20,000	20,000	20,000	20,000	20,000	100,000
Total	\$ 2,733,067	\$ 2,966,000	\$ 3,755,000	\$ 3,535,000	\$ 4,405,000	\$ 17,394,067



**FY 20/21 Through 23/24
 MFT Maintenance Program**

0 500,000 2,000 3,000 4,000 Feet

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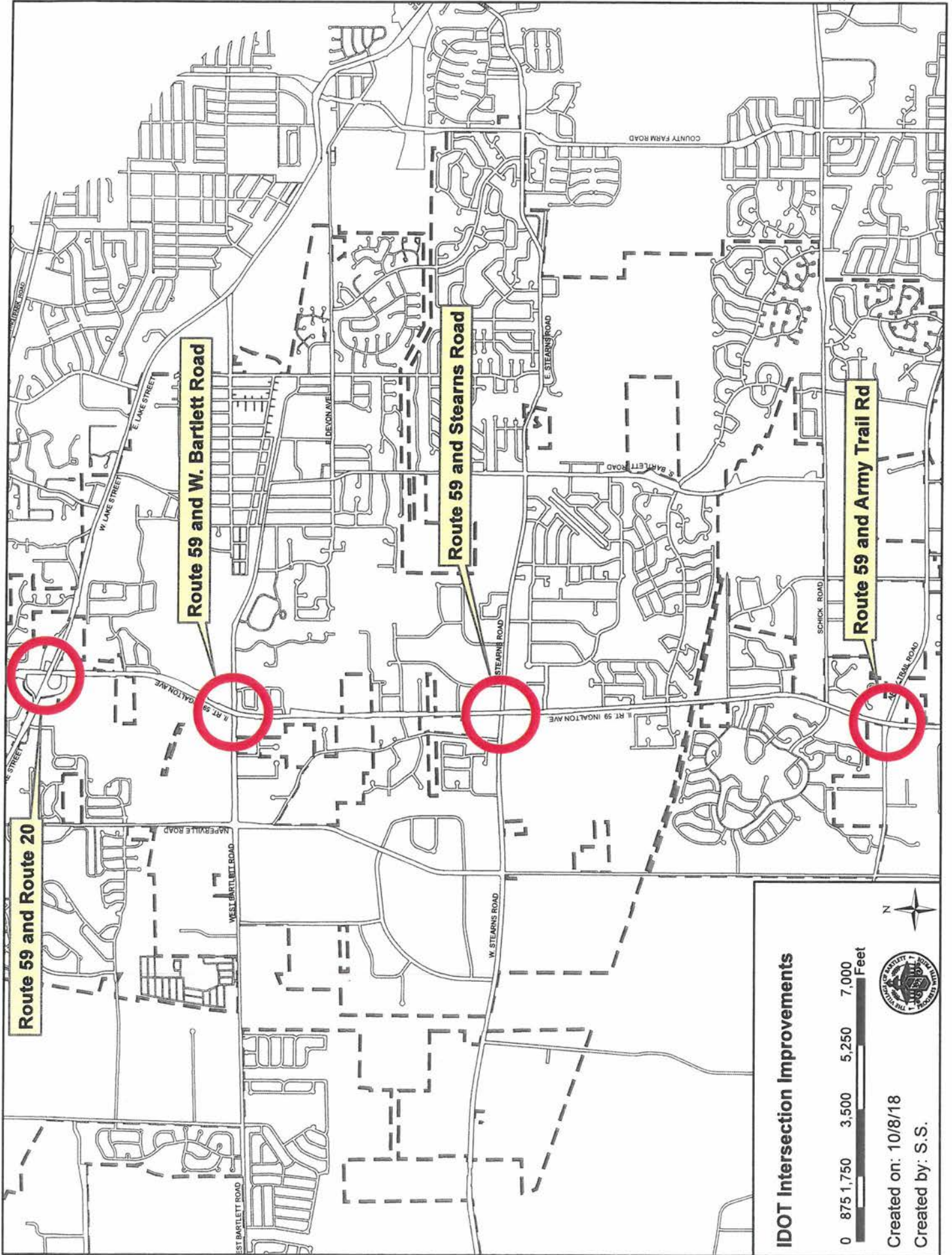


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

FY 20/21 THROUGH FY 23/24 MFT MAINTENANCE PROGRAM

Description	This annual maintenance program includes general patching, curb and gutter repairs, bituminous resurfacing, handicap ramp replacement, pavement preservation sealing and crack sealing.
Comments	Streets for FY 20/21 through FY 23/24 will be selected based on our annual inspection process. The exhibit above shows the anticipated streets to be resurfaced in 2020.
Future Operating Budget Impact	This project should not have a significant impact on the Operating budget.

Use of Funds	Prior Year Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Milling/Resurfacing Concrete	\$ 850,666	\$ 991,545	\$ 2,000,000	\$ 2,500,000	\$ 3,000,000	\$ 3,000,000	\$ 12,342,211
Pavement Preservation	38,116	100,000	100,000	100,000	100,000	100,000	500,000
Crack Sealing	70,851	75,000	75,000	75,000	75,000	75,000	413,116
Engineering		45,000	20,000	20,000	50,000	50,000	445,851
Total	\$ 959,633	\$ 1,286,545	\$ 2,270,000	\$ 2,770,000	\$ 3,300,000	\$ 3,300,000	\$ 13,886,178
Source of Funds							
MFT Fund General Fund	\$ 959,633	\$ 1,286,545	\$ 2,270,000	\$ 2,770,000	\$ 1,660,139	\$ 1,310,000	\$ 10,256,317
					1,639,861	1,990,000	3,629,861
Total	\$ 959,633	\$ 1,286,545	\$ 2,270,000	\$ 2,770,000	\$ 3,300,000	\$ 3,300,000	\$ 13,886,178



Route 59 and Route 20

Route 59 and W. Bartlett Road

Route 59 and Stearns Road

Route 59 and Army Trail Rd

IDOT Intersection Improvements



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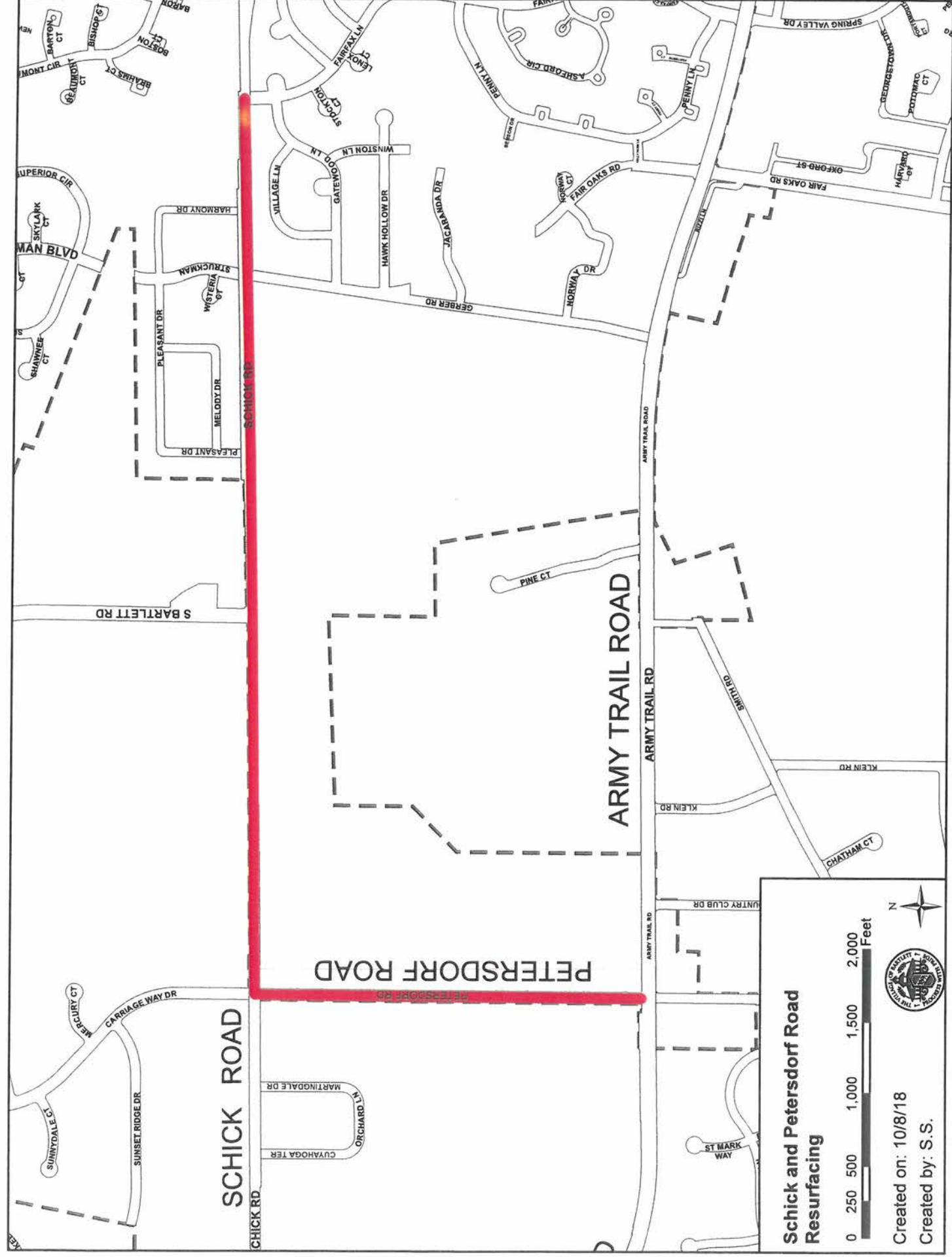


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

IDOT INTERSECTION IMPROVEMENTS

Description	These intersection improvement projects typically include traffic signals, utility relocations, sidewalk and curb replacements, multi-use or bike path additions, street light adjustments, pavement markings, as well as new asphalt or concrete pavement. The following locations are in the planning or design stage: 1) Route 20 and Oak 2) Route 59 and Route 20 3) Route 59 and Stearns 4) Route 59 and W. Bartlett Road
Comments	The western portion of the Route 20 and Oak project has not been completed. It includes traffic signal improvements at Route 20 and Oak but no funding for this work has been programmed at this time.
Future Operating Budget Impact	

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Route 59 and Route 20	\$ 100,517					\$ 100,517	
Route 59 and Stearns	24,509					24,509	
Route 59 and W. Bartlett Road		\$ 16,297	\$ 50,000		\$ 100,000	100,000	
Route 59 and Army Trail Road						66,297	
Total	\$ 125,026	\$ 16,297	\$ 50,000		\$ 100,000	\$ 291,323	
Source of Funds							
Developer Deposits	\$ 125,026	\$ 16,297	\$ 50,000		\$ 100,000	\$ 291,323	
Total	\$ 125,026	\$ 16,297	\$ 50,000		\$ 100,000	\$ 291,323	



**Schick and Petersdorf Road
Resurfacing**

0 250 500 1,000 1,500 2,000 Feet

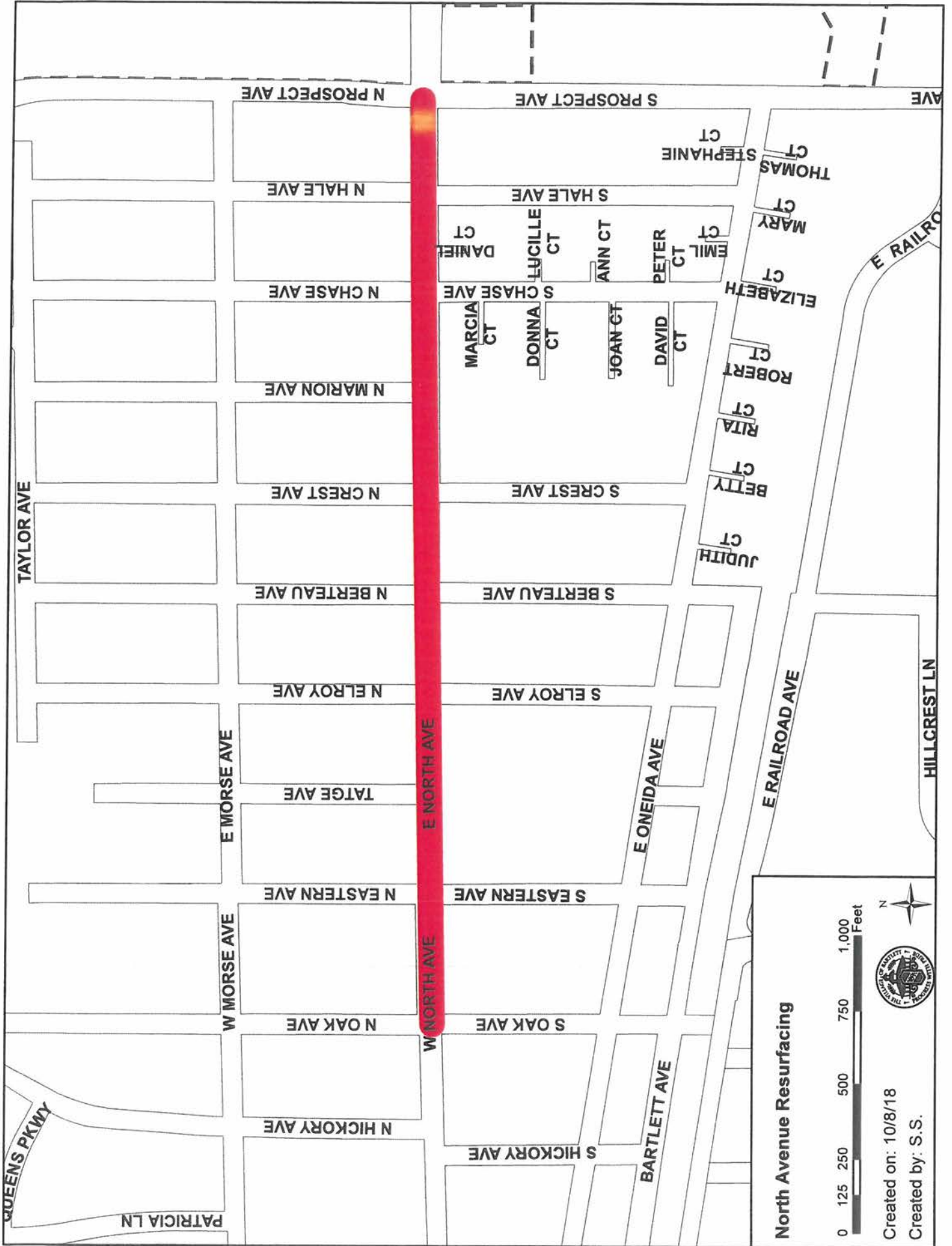
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Created by: S.S.

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

SCHICK AND PETERSDORF ROAD RESURFACING

Description	This project includes general patching, curb and gutter repairs, level binder, bituminous resurfacing, handicap ramp replacement and miscellaneous patching. It includes all of Petersdorf Road, and Schick Road between Petersdorf and Fairfax. It is planned that this work will be completed during the summer of 2019.
Comments	The funding source for this project is Surface Transportation Funds (STP) that require a 30% local match. The funding is available through the DuPage Mayors and Managers Conference.
Future Operating Budget Impact	This project should not have a significant impact on the Operating budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction		\$ 1,120,180					\$ 1,120,180
Engineering	\$ 61,030	68,027					129,057
Contingencies		112,018					112,018
Total	\$ 61,030	\$ 1,300,225					\$ 1,361,255
Source of Funds							
STP Funds		\$ 980,158					\$ 980,158
MFT Funds	\$ 61,030	320,067					381,097
Total	\$ 61,030	\$ 1,300,225					\$ 1,361,255

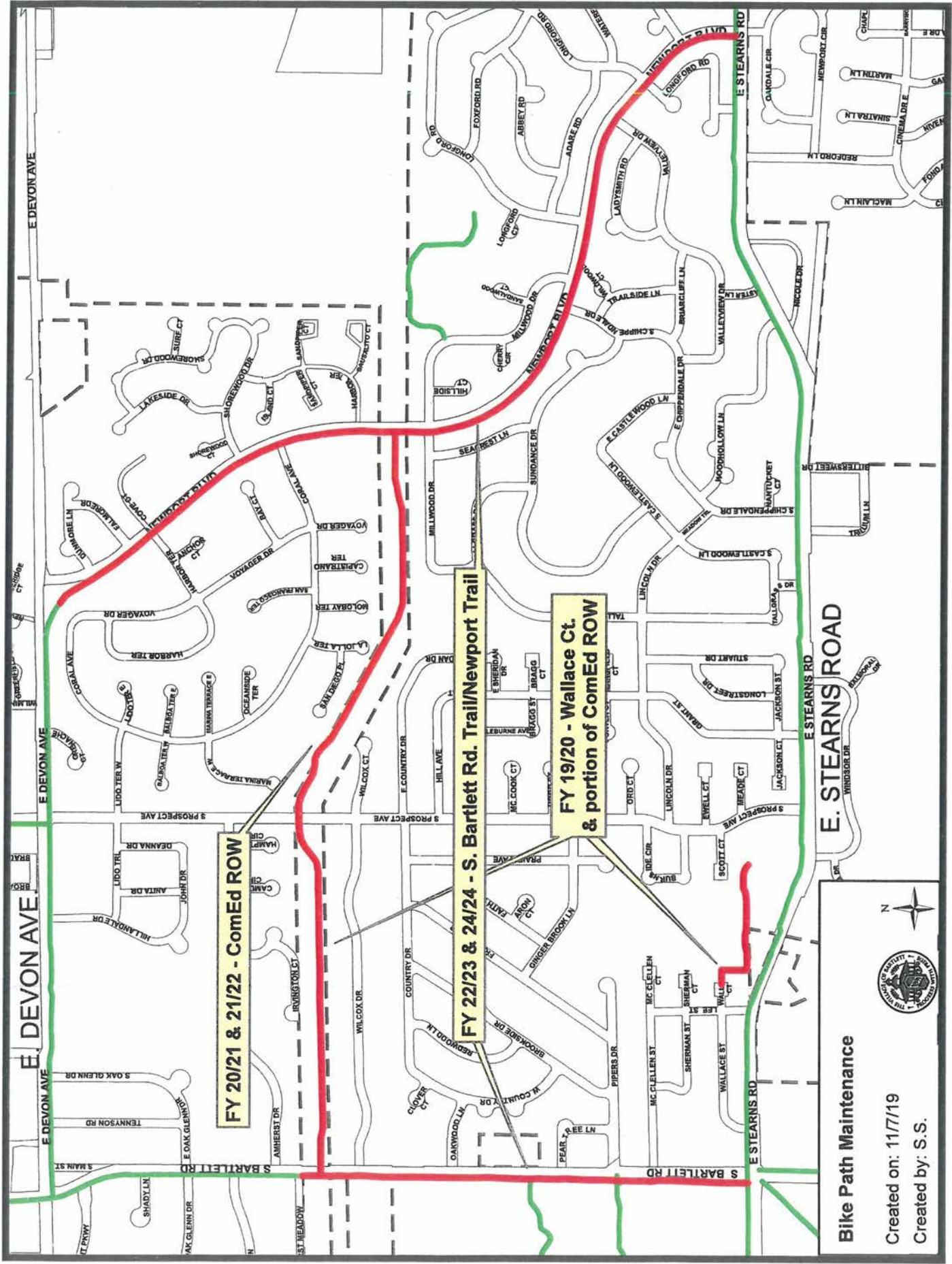


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

NORTH AVENUE RESURFACING

Description	This project includes general patching, curb and gutter repairs, level binder, bituminous resurfacing, handicap ramp replacement and miscellaneous patching. The project includes the eastern portion of North Avenue, between Oak and Prospect. It is planned that this work will be completed during the summer of 2023.
Comments	The funding source for this project is Surface Transportation Funds (STP) that require a 30% local match. The funding is available through the Northwest Municipal Conference.
Future Operating Budget Impact	This project should not have a significant impact on the Operating budget.

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 19/20</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>20/21</i>	<i>21/22</i>	<i>22/23</i>	<i>23/24</i>	
Construction						\$ 600,000	\$ 600,000
Engineering			\$ 25,000			100,000	125,000
Contingencies						75,000	75,000
Total			\$ 25,000			\$ 775,000	\$ 800,000
<i>Source of Funds</i>							
STP Funds						\$ 500,000	\$ 500,000
MFT Funds			\$ 25,000			275,000	300,000
Total			\$ 25,000			\$ 775,000	\$ 800,000



FY 2021 & 21/22 - ComEd ROW

FY 22/23 & 24/24 - S. Bartlett Rd. Trail/Newport Trail

FY 19/20 - Wallace Ct. & portion of ComEd ROW

Bike Path Maintenance

Created on: 11/7/19

Created by: S.S.



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

BIKE PATH MAINTENANCE

Description

This project consists of maintaining the existing bike paths the Village is responsible to maintain. Maintenance will include resurfacing, crackfilling, sealcoating, etc.

- FY 2019-20 Wallace Ct. & portion of ComEd ROW
- FY 2020-21 ComEd ROW (continued)
- FY 2021-22 ComEd ROW (continued)
- FY 2022-23 S. Bartlett Rd. Trail / Newport Trail
- FY 2023-24 S. Bartlett Rd. Trail / Newport Trail

Comments

Many of the bike paths within the Village are maintained by the Village and the Park District. We plan to continue this, however, we believe the amount needs to be increased in order to keep up with the nearly 15 miles of bike path we have.

Future Operating Budget Impact

This project should not have a significant impact on the Operating budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000
Total		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000
Source of Funds							
General Fund		\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000
Park District		20,000	20,000	20,000	20,000	20,000	100,000
Total		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000



**GLENN A. KOEHLER
FIELDS OF BARTLETT**

**Koehler Field Lots
FY 19/20 - Patch and Sealcoat
FY 21/22 - Resurface**



**Cemetery
FY 22/23 - Resurface**

**Metra Lots
FY 20/21 - Patch and Sealcoat**

Parking Lot Improvements



Created on: 11/7/19
Created by: S. S.

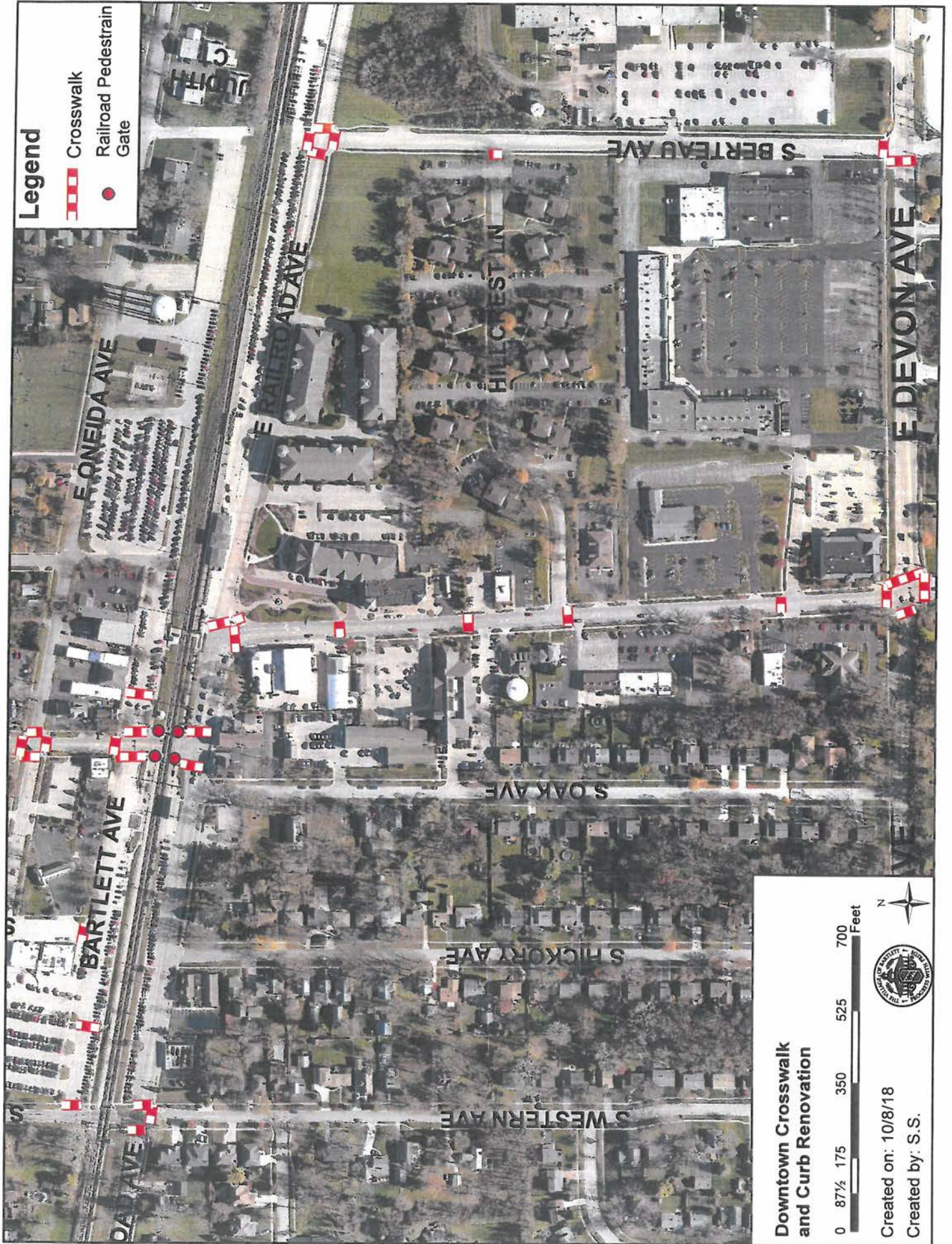


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

PARKING LOT IMPROVEMENTS

Description	We have several parking lots that are ours to maintain. This program includes resurfacing, crackfilling, and sealcoating the lots as needed.
Comments	FY 2019/20 - Patching and sealcoating of Kohler Field lots. FY 2020/21 - Patching and sealcoating of Metra lots. FY 2021/22 - Resurfacing of Kohler Field lots. FY 2022-23 - Cemetery resurfacing
Future Operating Budget Impact	No impact to operating budget

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Village Hall Lots	\$ 97,658						\$ 97,658
Kohler Fields		\$	\$ 20,000			\$ 225,000	\$ 245,000
Metra Lots		5,000	40,000				40,000
Ruzicka Lot (stone work for leveling)		10,000	5,000	10,000			20,000
Cemetery curb/drive					\$ 70,000		110,000
Contingencies			10,000	10,000	25,000		80,000
Total	\$ 97,658	\$ 15,000	\$ 75,000	\$ 20,000	\$ 95,000	\$ 290,000	\$ 592,658
Source of Funds							
MFT Fund		\$ 15,000					\$ 420,000
General Fund	\$ 97,658		\$ 10,000	\$ 20,000	\$ 95,000	\$ 290,000	\$ 107,658
Parking Fund			65,000				65,000
Total	\$ 97,658	\$ 15,000	\$ 75,000	\$ 20,000	\$ 95,000	\$ 290,000	\$ 592,658



Legend

-  Crosswalk
-  Railroad Pedestrian Gate

Downtown Crosswalk and Curb Renovation



Created on: 10/8/18
 Created by: S.S.



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

DOWNTOWN CROSSWALK AND CURB RENOVATION

Description

Renovation of the crosswalks and curbs in the downtown to become ADA compliant. This project will also construct additional mid-block crossings recommended in the Transit-Oriented Development (TOD) Plan, and will include appropriate pedestrian signage, high-visibility crosswalks.

Comments

This project will be contingent on obtaining grant funds. The Village has been notified that funds from the Build Illinois Bond Fund have been allocated to this project, but a release date of those funds are not clear at this time. We will continue to look at other opportunities in conjunction with the Build Illinois Bond Funds.

Future Operating Budget Impact

No major operating budget impacts.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
ADA Curb Compliance			\$ 76,000				\$ 76,000
High-Vis Crosswalks			24,000				24,000
Pedestrian Signage			6,000				6,000
Engineering			15,000				15,000
Contingencies			10,000				10,000
Total			\$ 131,000				\$ 131,000
Source of Funds							
Grant Funding			\$ 131,000				\$ 131,000
Developer Deposits Fund							
Total			\$ 131,000				\$ 131,000



S MAIN ST

S OAK AVE

W RAILROAD AVE

S HICKORY AVE



Oak Avenue Parking Lot



Created on: 10/8/18
Created by: S.S.



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

SOUTH OAK AVENUE PARKING LOT

Description	This project consists of constructing a public parking lot on the recently purchased vacant lot on South Oak Avenue south of the Banbury Fair parking lot.	
Comments		
Future Operating Budget Impact	No impact to operating budget	

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Engineering		\$ 75,000	\$ 25,000				\$ 100,000
Construction			300,000				300,000
Contingency			50,000				50,000
Total		\$ 75,000	\$ 375,000				\$ 450,000
Source of Funds							
Municipal Building Fund		\$ 75,000	\$ 375,000				\$ 450,000
Total		\$ 75,000	\$ 375,000				\$ 450,000



**Lake Street Frontage Road
Reconstruction**



Created on: 10/8/18
Created by: S. S.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

IL RT 59

W LAKE ST
FRONTAGE ROAD

HORIZON DR

HORIZON DR

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

LAKE STREET FRONTAGE ROAD RECONSTRUCTION

Description	This project includes all pavement, curb/gutter, storm sewer, street lighting and ROW restoration improvements necessary to bring the frontage road up to village standards. The frontage road ROW was obtained as part of an agreement with IDOT when the contract for the improvements at Lake Street and Route 59 were being drawn up.
Comments	
Future Operating Budget Impact	Minimal impact to operating budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction				\$ 750,000			\$ 750,000
Engineering				100,000			100,000
Contingencies				75,000			75,000
Total				\$ 925,000			\$ 925,000
Source of Funds							
MFT Fund				\$ 925,000			\$ 925,000
Total				\$ 925,000			\$ 925,000

Village of Bartlett, Illinois

Capital Improvements Program

2020-2024

Economic Development Projects

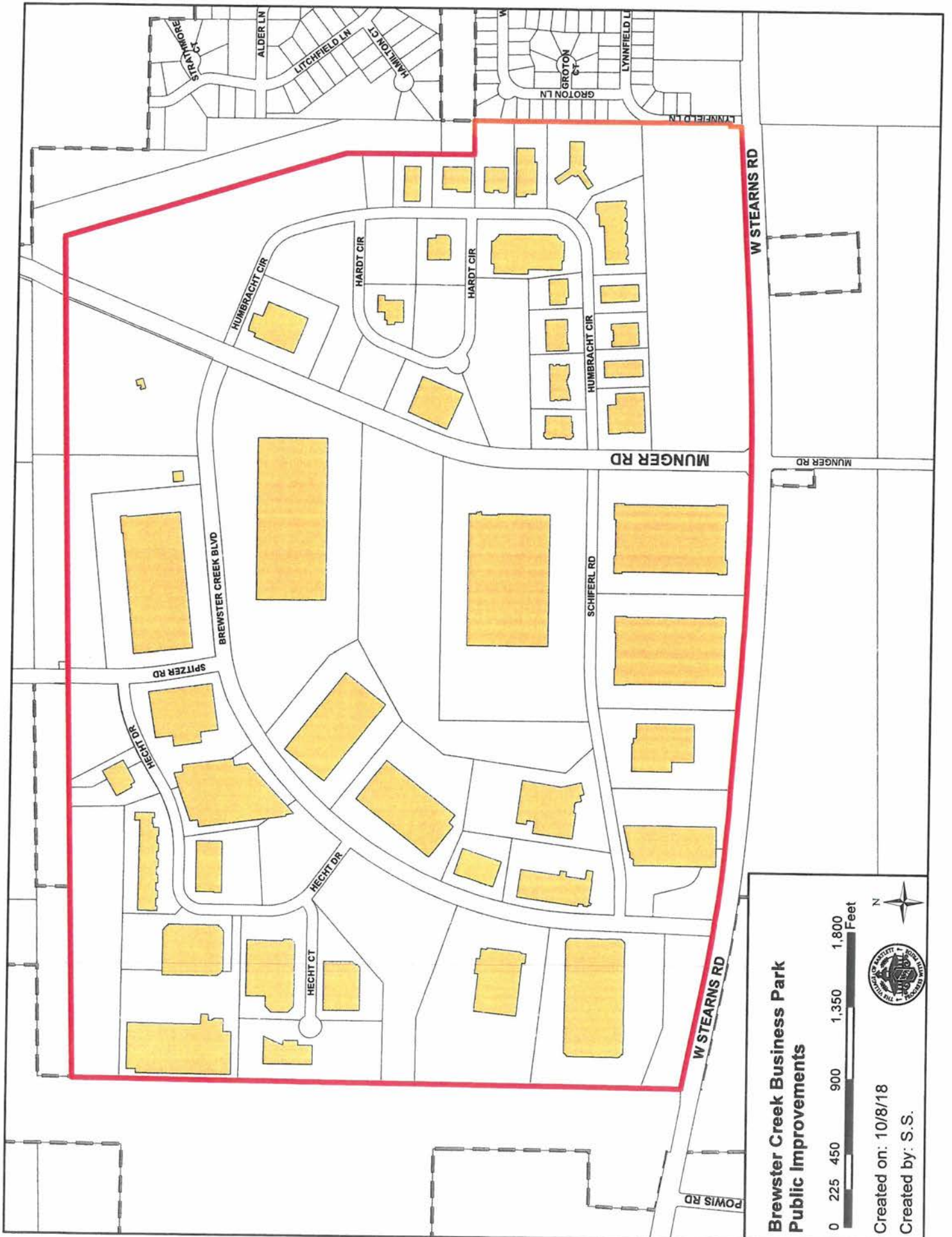


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Economic Development Projects by Year

Project	Page	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Brewster Creek Public Improvements	44	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000	\$ 950,000		\$ 5,350,000
Bluff City/Blue Heron Public Improvements	46	1,460,000	1,460,000	1,460,000	1,200,000	1,200,000	6,780,000
Total		\$ 2,960,000	\$ 2,910,000	\$ 2,910,000	\$ 2,150,000	\$ 1,200,000	\$ 12,130,000

Sources of Funds	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Brewster Creek TIF Fund	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000	\$ 950,000	\$ 0	\$ 5,350,000
Bluff City TIF Fund	1,460,000	1,460,000	1,460,000	1,200,000	1,200,000	6,780,000
Total	\$ 2,960,000	\$ 2,910,000	\$ 2,910,000	\$ 2,150,000	\$ 1,200,000	\$ 12,130,000



**Brewster Creek Business Park
Public Improvements**



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VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

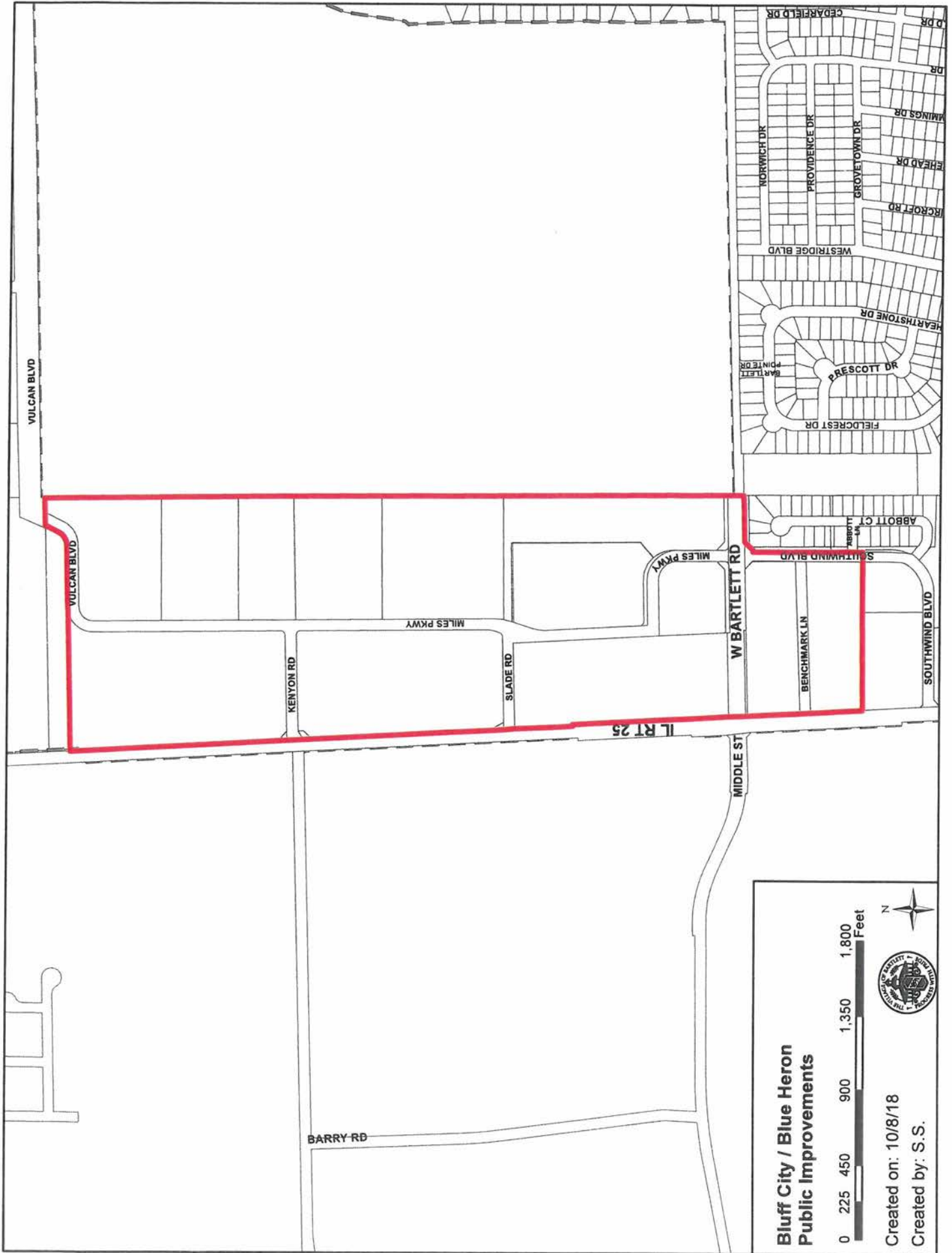
BREWSTER CREEK BUSINESS PARK PUBLIC IMPROVEMENTS

Description
 The original TIF budget of \$30,000,000 for public improvements was increased to \$44,000,000 in August of 2016. Site preparation represents the largest share and includes filling in the mining pit. Other on-site improvements include sanitary sewers, water mains, storm sewers, internal roadways, wetland mitigation, street lighting, parkway trees, signage, and landscaping. Off site improvements include improvements to Old Munger Road, Spitzer Road, West Bartlett Road intersection, Stearns Road intersection, Road "A", sanitary lift station and force main, Road "A" watermain. The Tax Increment Financing District is scheduled to expire in 2022.

Comments

Future Operating Budget Impact

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Sanitary Sewer/Water Distribution	\$ 1,847,855						
Wetland Mitigation	3,003,784	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 3,253,784	
Roadways	1,880,055	300,000	300,000	300,000	300,000	3,080,055	
Site Preparation - Earthwork	26,025,139	1,000,000	1,000,000	1,000,000	500,000	29,525,139	
Signs & Landscaping	1,095,886	100,000	100,000	100,000	100,000	1,495,886	
Total	\$ 33,852,719	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000	\$ 950,000	\$ 37,354,864	
Source of Funds							
Brewster Creek TIF Fund	\$ 33,852,719	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000	\$ 950,000	\$ 39,202,719	
Total	\$ 33,852,719	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000	\$ 950,000	\$ 39,202,719	



**Bluff City / Blue Heron
Public Improvements**



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VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

BLUFF CITY/BLUE HERON PUBLIC IMPROVEMENTS

Description The Village created the Bluff City Tax Increment Financing District in March 2009. The site preparation/land reclamation/soil remediation required to fill the former quarry site represents the largest portion of the \$13,500,000, Financing and Redevelopment Agreement at \$10,600,000. Additional infrastructure improvements including the completion of Southwind Blvd., and the installation of the water distribution system, storm and sanitary sewers will be necessary prior to the land development of the TIF site.

Comments The site reclamation/earthwork is key to the development of the project and the Village has issued a permit for this site work to begin.

Future Operating Budget Impact The project is being financed with the developer notes that will be repaid from the tax increment as the property develops. There should be no impact on the Operating budget.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Site Preparation - Earthwork	\$ 5,198,808	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,000,000	\$ 1,000,000	\$ 10,498,808
Roadways/Traffic Signals	1,493,506	200,000	200,000	200,000	100,000	100,000	2,293,506
Sanitary Sewer and Water	926,342	100,000	100,000	100,000	50,000	50,000	926,342
Engineering	297,761	60,000	60,000	60,000	50,000	50,000	697,761
Contingencies							280,000
Total	\$ 7,916,417	\$ 1,460,000	\$ 1,460,000	\$ 1,460,000	\$ 1,200,000	\$ 1,200,000	\$ 14,696,417
Source of Funds							
Bluff City TIF Fund	\$ 7,916,417	\$ 1,460,000	\$ 1,460,000	\$ 1,460,000	\$ 1,200,000	\$ 1,200,000	\$ 14,696,417
Total	\$ 7,916,417	\$ 1,460,000	\$ 1,460,000	\$ 1,460,000	\$ 1,200,000	\$ 1,200,000	\$ 14,696,417

Village of Bartlett, Illinois

Capital Improvements Program

2020-2024

Golf Projects



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Golf Projects by Year

Project	Page	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Irrigation System Replacement	49		\$ 40,000	\$ 50,000	\$ 1,600,000		\$ 1,650,000
Veranda Resurfacing & Outdoor Furniture	51						40,000
Total			\$ 40,000	\$ 50,000	\$ 1,600,000		\$ 1,690,000

Sources of Funds	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
Other			\$ 50,000	\$ 1,600,000		\$ 1,650,000
Municipal Building		\$ 40,000				40,000
Total		\$ 40,000	\$ 50,000	\$ 1,600,000		\$ 1,690,000



Irrigation System Replacement

0 125 250 500 750 1,000 Feet

Created on: 11/7/19

Created by: S. S.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

IRRIGATION SYSTEM REPLACEMENT [NEW PROJECT]

Description	Design and engineer a new automated irrigation system to replace current system which is nearing its life expectancy.
Comments	New system will use the latest technology in piping (HDP), sprinkler heads and computer controls (GPS). Upkeep of current system is becoming very labor intensive and system has become less efficient.
Future Operating Budget Impact	

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Engineering Construction				\$ 50,000	\$ 1,600,000		\$ 1,650,000
Total				\$ 50,000	\$ 1,600,000		\$ 1,650,000
Source of Funds							
Other				\$ 50,000	\$ 1,600,000		\$ 1,650,000
Total				\$ 50,000	\$ 1,600,000		\$ 1,650,000



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Veranda Resurfacing & Outdoor Furniture



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VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

VERANDA RESURFACING & OUTDOOR FURNITURE [NEW PROJECT]

Description	Resurfacing of both veranda's along with replacement of 10 outdoor furniture tables and 50 chairs.
Comments	Current veranda's are cracked and cannot be cleaned due to gritty surface. North veranda is leaking into basement storage. Wedding ceremonies are an integral part of our operation and current status is completely unacceptable. All furniture is broken, rusty and there are marks on the floor surface. This will enable them to continue strong wedding bookings by offering an updated, modern outdoor venue.
Future Operating Budget Impact	

	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Use of Funds Resurfacing/Furniture			\$ 40,000				\$ 40,000
Total			\$ 40,000				\$ 40,000
Source of Funds Municipal Building			\$ 40,000				\$ 40,000
Total			\$ 40,000				\$ 40,000

Village of Bartlett, Illinois

Capital Improvements Program

2020-2024

Other Projects

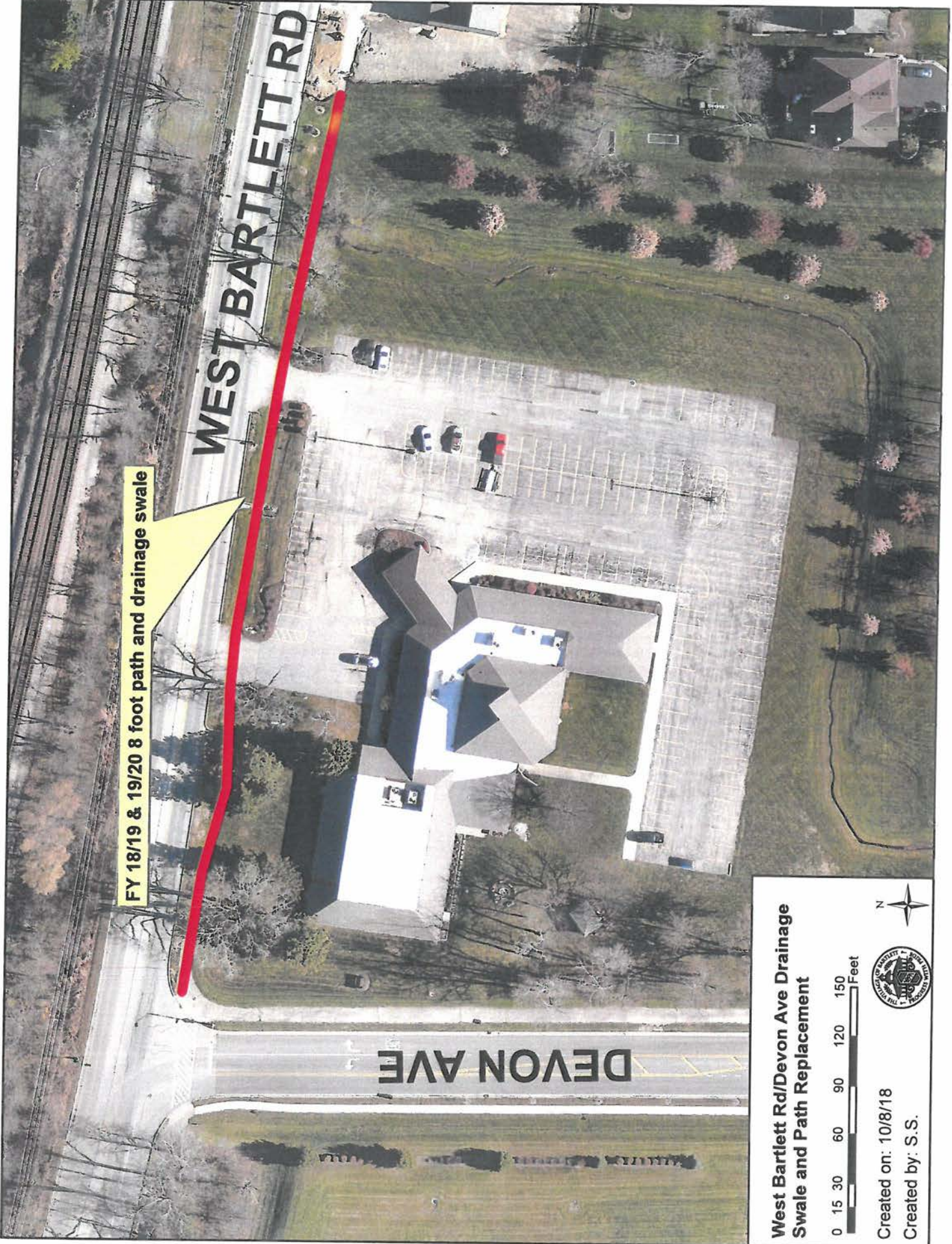


VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

Other Projects by Year

Project	Page	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
W. Bartlett/Devon Drainage Swale and Path	54	\$ 19,732	\$ 400,000				\$ 419,732
Stormwater System Improvements/Maint.	56	205,000	305,000	405,000	405,000	405,000	1,725,000
Schick Road/West Branch DuPage River Bridge	58	75,000	50,000	50,000	300,000		475,000
Total		\$ 299,732	\$ 755,000	\$ 455,000	\$ 705,000	\$ 405,000	\$ 2,619,732

Sources of Funds	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Five Year Total
MFT Fund	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000		\$ 475,000
General Fund	205,000	505,000	405,000	405,000	405,000	1,925,000
Grant Funding	19,732	200,000				219,732
Total	\$ 299,732	\$ 755,000	\$ 455,000	\$ 705,000	\$ 405,000	\$ 2,619,732



FY 18/19 & 19/20 8 foot path and drainage swale

WEST BARTLETT RD

DEVON AVE

West Bartlett Rd/Devon Ave Drainage Swale and Path Replacement



Created on: 10/8/18
Created by: S.S.



VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

WEST BARTLETT RD/DEVON AVE DRAINAGE SWALE AND PATH REPLACEMENT

Description	Construction of a new bike path and bioswales to alleviate flooding issues in this area. We obtained the Invest in Cook Grant for the design engineering portion of this project and have applied for grants to assist with the construction of the project.
Comments	The drainage swale does not flow properly and holds water long after rain events. There will be new storm inlets to assist with overflow along with new bioswales to help naturally drain the water. The 5' bike path is deteriorated and has been patched several times. It needs to be replaced to match existing 8' path that exists along the east side of Devon and west along West Bartlett Road.
Future Operating Budget Impact	No major, future operating budget impact

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Engineering	\$ 33,234	\$ 19,732	\$ 50,000				\$ 102,966
Contingencies			10,000				10,000
Construction			340,000				340,000
Total	\$ 33,234	\$ 19,732	\$ 400,000				\$ 452,966
Source of Funds							
General Fund (Stormwater)	\$ 23,234		200,000				223,234
Grants	10,000	19,732	200,000				229,732
Total	\$ 33,234	\$ 19,732	\$ 400,000				\$ 452,966

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

STORMWATER SYSTEM IMPROVEMENTS/MAINTENANCE

Description This is to be an annual program to maintain the Village's existing storm sewer system and provide for any new sewer/inlet/catch basins that become necessary. This will include residential or small drainage projects as well utilizing our 50/50 program. Our most recent NPDES permit requires us to monitor storm discharge points, increase street and catch basin maintenance/cleaning and provide documentation for these and other water quality items. An engineering consultant may be needed to complete future projects. We are working with DuPage County to satisfy other elements of the NPDES requirements.

Potential Projects Country Creek in-stream detention areas, replacement of large end sections

Comments Storm system mapping and data collection ongoing.

Future Operating Budget Impact We have estimated an annual increase of \$100,000 up to \$400,000 in order to properly maintain the large storm system and meet all NPDES requirements.

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Construction	\$ 48,578	\$ 200,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 1,748,578
Engineering	12,913	5,000	5,000	5,000	5,000	5,000	37,913
Contingencies							
Total	\$ 61,491	\$ 205,000	\$ 305,000	\$ 405,000	\$ 405,000	\$ 405,000	\$ 1,786,491
Source of Funds							
General Fund	\$ 61,491	\$ 205,000	\$ 305,000	\$ 405,000	\$ 405,000	\$ 405,000	\$ 1,786,491
Total	\$ 61,491	\$ 205,000	\$ 305,000	\$ 405,000	\$ 405,000	\$ 405,000	\$ 1,786,491

S BARTLETT RD

Schick Road/DuPage River Bridge

**Schick Road/DuPage River Bridge
Engineering Study**



Created on: 11/7/18
Created by: S.S.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

SCHICK ROAD/WEST BRANCH DUPAGE RIVER BRIDGE ENGINEERING STUDY

Description

This project includes only the engineering study or structural investigation of the Schick Road-West Branch DuPage River Bridge. A recent inspection of the structure indicated that the existing deck beams are due for replacement. An evaluation is required to determine what is necessary to complete the replacement and rehabilitation.

Comments

IDOT is requiring that the bridge be inspected every 6 months.

Operating Budget Impact

Use of Funds	Prior Years Actual	Estimated 19/20	Proposed For Future Years				Project Totals
			20/21	21/22	22/23	23/24	
Engineering Study	\$ 58,025	\$ 75,000	\$ 50,000	\$ 50,000			\$ 133,025
Design Engineering					\$ 250,000		100,000
Construction					50,000		250,000
Contingency							50,000
Total	\$ 58,025	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000		\$ 533,025
Source of Funds							
MFT Funds	\$ 58,025	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000		\$ 533,025
Total	\$ 58,025	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000		\$ 533,025