

*Village of Bartlett, Illinois*  
*2020-2024 Capital Budget*



228 S. MAIN STREET  
 BARTLETT, ILLINOIS 60103  
 PHONE 630.837.0800  
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VILLAGE PRESIDENT  
 Kevin Wallace

ADMINISTRATOR  
 Paula Schumacher

VILLAGE CLERK  
 Lorna Gilles

TRUSTEES  
 Michael E. Camerer D.C  
 Vince Carbonaro  
 Raymond H. Deyne  
 Kristina Gabrenya, OD, F.AAO  
 Adam J. Hopkins  
 Aaron H. Reinke

January 3, 2020

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.

<b>Capital Improvements Expenditures</b>		
<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>
<b>Total</b>	<b>\$98,404,079</b>	<b>\$99,683,786</b>

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.

<b>Funding Sources</b>		
<b><u>Funding Source</u></b>	<b><u>Amount</u></b>	<b><u>% of Total</u></b>
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	11,761,751	11.95%
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	1,790,000	1.82%
<b>Total</b>	<b>98,404,079</b>	<b>100.00%</b>

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.

Respectfully Submitted,



Paula Schumacher  
Village Administrator



THE VILLAGE OF  
**BARTLETT**

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**RESOLUTION 2019-101-R**

**A RESOLUTION ADOPTING THE 2020-2024 CAPITAL IMPROVEMENTS PROGRAM**

**WHEAREAS**, it is in the best interest of sound financial planning to utilize a capital planning and budgeting system; and

**WHEAREAS**, multi-year planning for capital project revenues and expenditures provides opportunities for long-range needs identification and assists in early season project planning.

**NOW, THEREFORE, BE IT RESOLVED**, by the President and Board of Trustees of the Village of Bartlett, Cook, DuPage, and Kane Counties, Illinois, as follows:

**SECTION ONE:** That the 2020-2024 Capital Improvements Program is hereby adopted.

**SECTION TWO:** That the Village Administrator is hereby authorized and directed to cause, as necessary, such engineering and design work on those projects outlined in the 2020-2021 fiscal year totaling \$15,703,580.

**SECTION THREE: SEVERABILITY.** The various provisions of this Resolution are to be considered as severable and if any part or portion of this Resolution shall be held invalid by any court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Resolution.

**SECTION FOUR: REPEAL OF PRIOR ORDINANCES.** All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

**SECTION FIVE: EFFECTIVE DATE.** This Resolution shall be in full force and effect after its passage and approval.

**ROLL CALL VOTE**

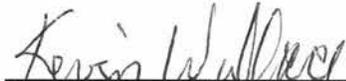
**AYES:** Trustees Camerer, Carbonaro, Deyne, Gabrenya, Reinke

**NAYS:** Trustee Hopkins

**ABSENT:** None

**PASSED:** December 17, 2019

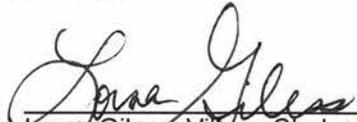
**APPROVED:** December 17, 2019

  
Kevin Wallace, Village President

**ATTEST:**  
  
Lorna Giles, Village Clerk

**CERTIFICATION**

I, Lorna Giles, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Resolution 2019-101-R enacted on December 17, 2019, approved on December 17, 2019 as the same appears from the official records of the Village of Bartlett.

  
Lorna Giles, Village Clerk





*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2020-2024**

*Tables & Graphs*

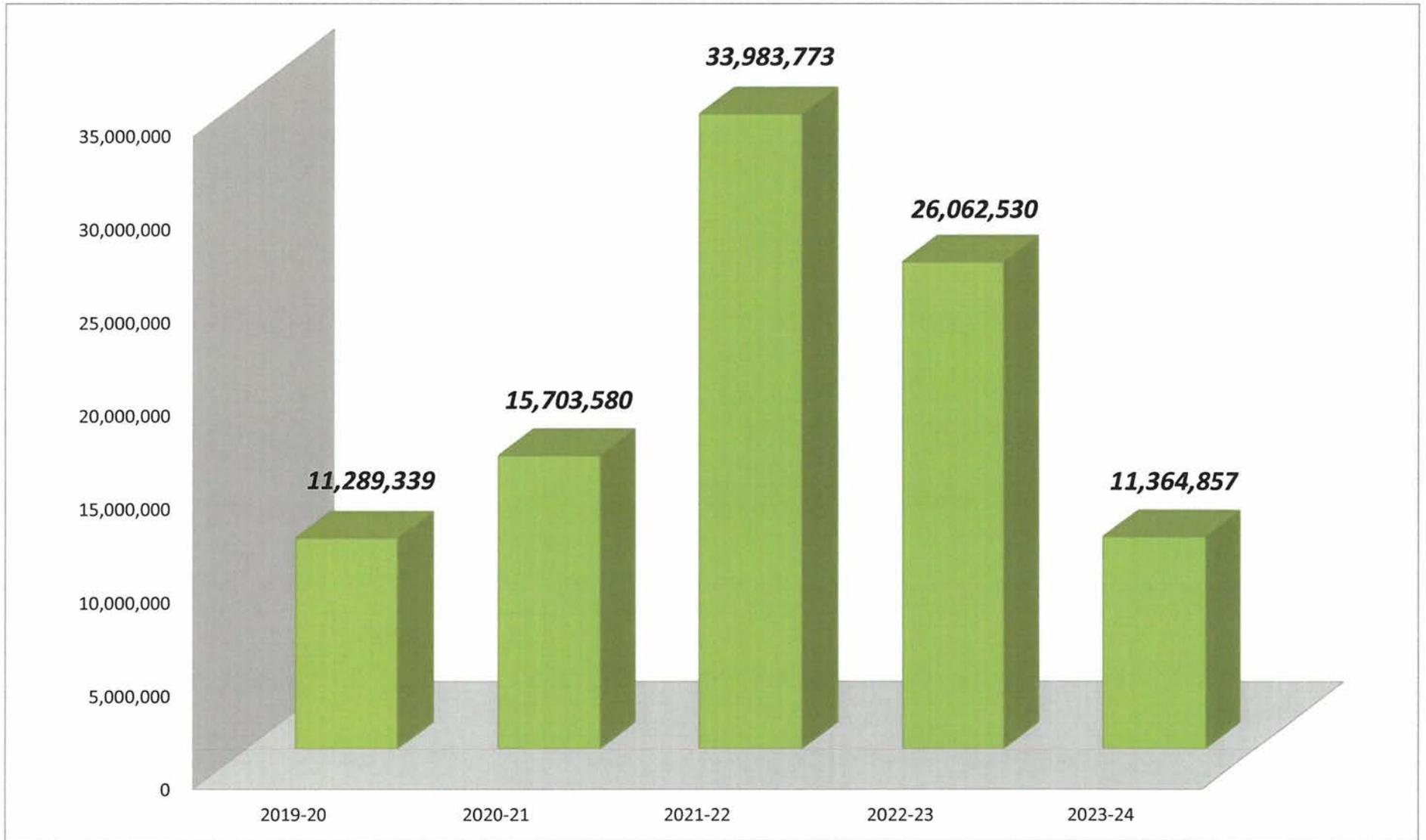
# **VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

## ***Expenditure Summary***

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

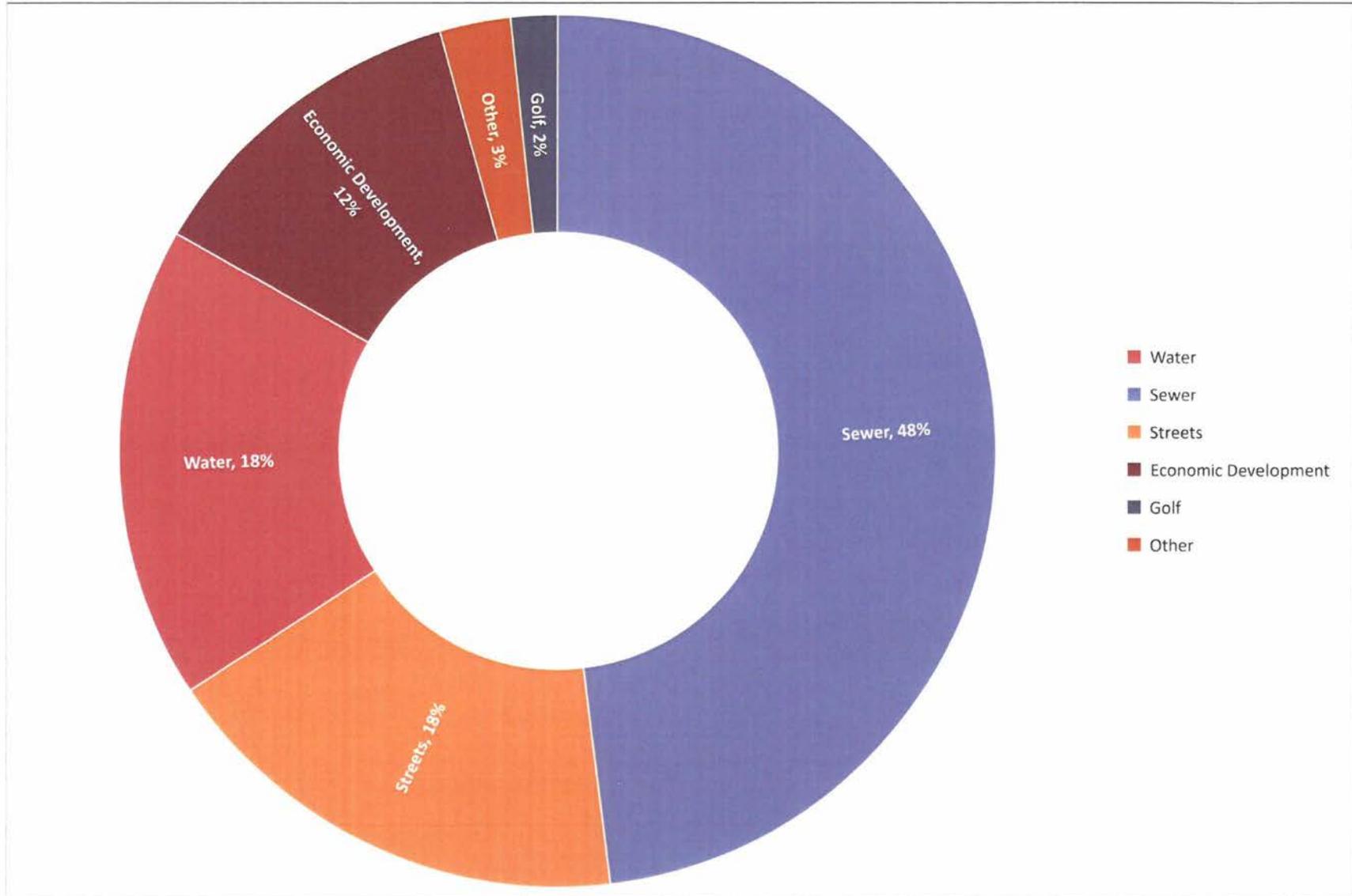
# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## Expenditures by Year



# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## Expenditures by Category



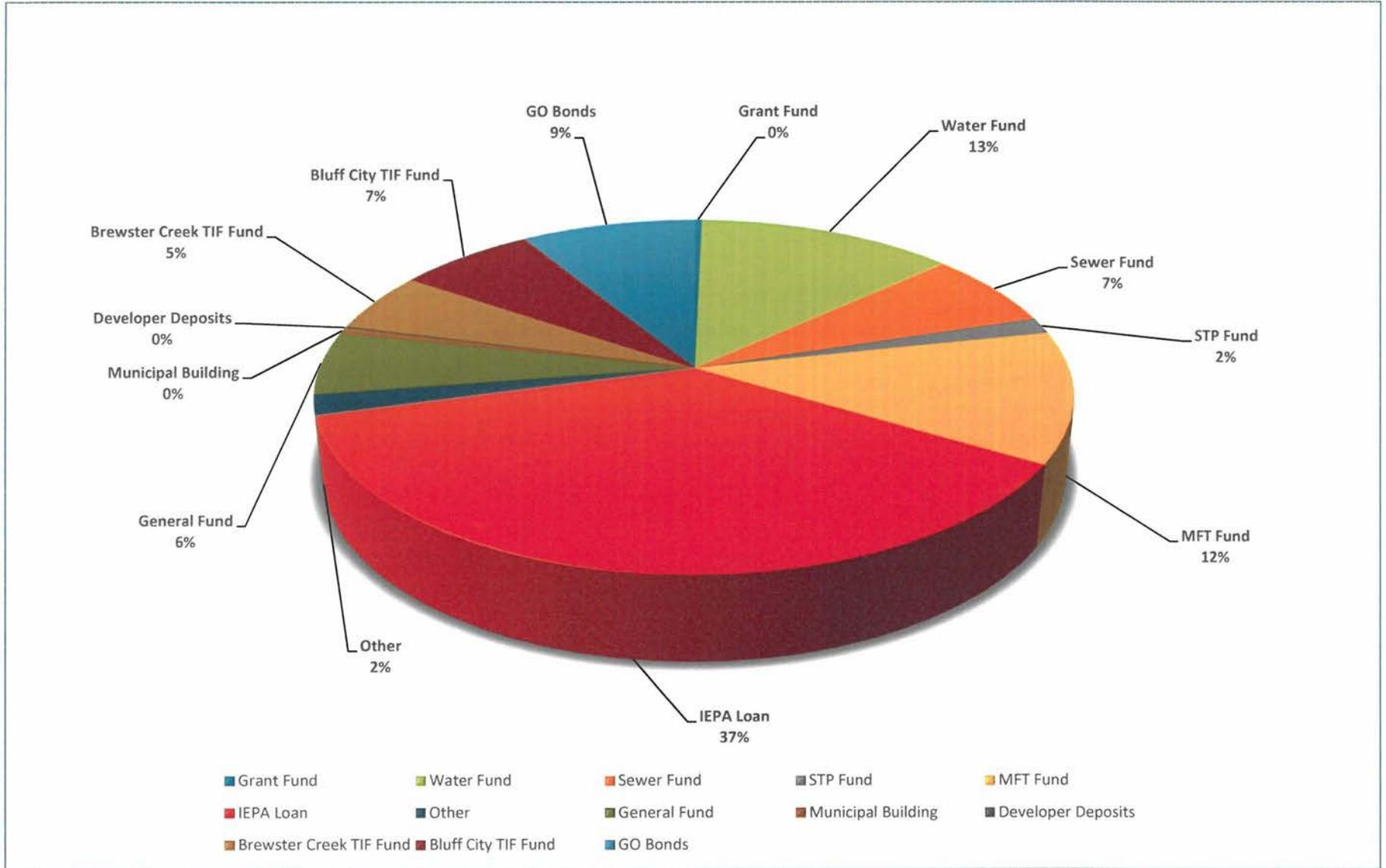
# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## Funding Source Summary

<i>Sources of Funds</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>FY 2021-22</i>	<i>FY 2022-23</i>	<i>FY 2023-24</i>	<i>Five Year Total</i>	<i>% of Total</i>
<i>Grant Fund</i>	19,732	331,000	0	0	0	350,732	0.36%
<i>Water Fund</i>	2,425,589	3,129,500	1,788,500	3,145,000	2,275,000	12,763,589	12.97%
<i>Sewer Fund</i>	1,820,951	1,803,080	1,175,273	977,530	979,857	6,756,691	6.87%
<i>STP Fund</i>	980,158	0	0	0	500,000	1,480,158	1.50%
<i>MFT Fund</i>	1,696,612	2,370,000	3,765,000	2,055,139	1,875,000	11,761,751	11.95%
<i>IEPA Loan</i>	1,000,000	850,000	20,100,000	12,500,000	2,100,000	36,550,000	37.14%
<i>Other</i>	20,000	60,000	70,000	1,620,000	20,000	1,790,000	1.82%
<i>General Fund</i>	225,000	535,000	425,000	2,064,861	2,415,000	5,664,861	5.76%
<i>Municipal Building</i>	75,000	415,000	0	0	0	490,000	0.50%
<i>Developer Deposits</i>	16,297	50,000	0	100,000	0	166,297	0.17%
<i>Brewster Creek TIF Fund</i>	1,500,000	1,450,000	1,450,000	950,000	0	5,350,000	5.44%
<i>Bluff City TIF Fund</i>	1,460,000	1,460,000	1,460,000	1,200,000	1,200,000	6,780,000	6.89%
<i>GO Bonds</i>	50,000	3,250,000	3,750,000	1,450,000	0	8,500,000	8.64%
<b><i>Total</i></b>	<b>11,289,339</b>	<b>15,703,580</b>	<b>33,983,773</b>	<b>26,062,530</b>	<b>11,364,857</b>	<b>98,404,079</b>	<b>100.00%</b>

# 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**

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

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## Total Project Costs - Completed Projects

<i>Project</i>						<i>Total</i>
	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	
<i>Country Creek Lift Station Upgrade</i>		560,000				560,000
<i>Sidewalk/Path Installations</i>		103,812				103,812
<i>MFT Maintenance Program</i>		562,775	730,790	1,300,469	1,286,545	3,880,579
<i>Devon Pond Shoreline Restoration</i>		10,000				10,000
<i>Roadway Maintenance Bond Project</i>	12,048,779					12,048,779
<i>Asphalt Cart Paths</i>	63,818					63,818
<i>Street Garage Building Addition</i>			513,073			513,073
<i>Water Main Replacement</i>				386,950	890,589	1,277,539
<i>Water Tower Painting</i>				238,549		238,549
<i>Schick/Struckman Bridge Rehabilitation</i>			385,000			385,000
<i>North/Prospect Stormwater Detention</i>			5,280,794			5,280,794
<i>Water System Modeling/Pump Station Upgrades</i>					914,550	914,550
<i>Stearns Road/Country Creek Culvert Extension</i>					410,505	410,505
<i>Police Station</i>					19,811,250	19,811,250

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## *New Projects by Source of Funds*

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

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

2019-20 Projects by Source of Funds

Project	Page	Water Fund	Sewer Fund	MFT Fund	STP Funds	IEPA Loans	GO Bonds	Developer Deposits	Municipal Building	Grants	Other	General Fund	Brewster Creek TIF Fund	Bluff City TIF	Total
Water Main Replacement	3	890,589													890,589
Infrastructure Improvements-Water	7	1,500,000				1,000,000									2,500,000
Watermain Leak Survey and Repairs	9	35,000													35,000
Facility Update/Phosphorous Removal	14		70,951												70,951
Sanitary Sewer System Rehabilitation	16		600,000												600,000
Devon Excess Flow Plant Rehabilitation	18		200,000				50,000								250,000
Lift Station Upgrades and Rehabilitation	20		50,000												50,000
Bittersweet WWTP Improvements	22		900,000												900,000
19/20 MFT Maintenance Program	25			1,286,545											1,286,545
IDOT Intersection Improvements	27							16,297							16,297
Schick and Petersdorf Resurfacing	29			320,067	980,158										1,300,225
Bike Path Maintenance	33										20,000	20,000			40,000
Parking Lot Improvements	35			15,000											15,000
Oak Street Parking Lot	39								75,000						75,000
Brewster Creek Bus. Park Improvements	44												1,500,000		1,500,000
Bluff City/Blue Heron Improvements	46													1,460,000	1,460,000
W. Bartlett/Devon Drainage/Path	54									19,732					19,732
Stormwater System Improvements	56											205,000			205,000
Schick/DuPage River Engineering Study	58			75,000											75,000
<b>Total</b>		<b>2,425,589</b>	<b>1,820,951</b>	<b>1,696,612</b>	<b>980,158</b>	<b>1,000,000</b>	<b>50,000</b>	<b>16,297</b>	<b>75,000</b>	<b>19,732</b>	<b>20,000</b>	<b>225,000</b>	<b>1,500,000</b>	<b>1,460,000</b>	<b>11,289,339</b>

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			25,000			40,000		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
<b>Total</b>		<b>3,129,500</b>	<b>1,803,080</b>	<b>2,370,000</b>	<b>850,000</b>	<b>3,250,000</b>	<b>60,000</b>	<b>331,000</b>	<b>535,000</b>	<b>415,000</b>	<b>50,000</b>	<b>1,450,000</b>	<b>1,460,000</b>	<b>15,703,580</b>

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**2021-22 Projects by Source of Funds**

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

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
<b>Total</b>		<b>3,145,000</b>	<b>977,530</b>	<b>2,055,139</b>	<b>12,500,000</b>	<b>1,450,000</b>	<b>1,620,000</b>	<b>2,064,861</b>	<b>100,000</b>	<b>950,000</b>	<b>1,200,000</b>	<b>26,062,530</b>

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## 2023-24 Projects by Source of Funds

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



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2020-2024**

*Water Projects*

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

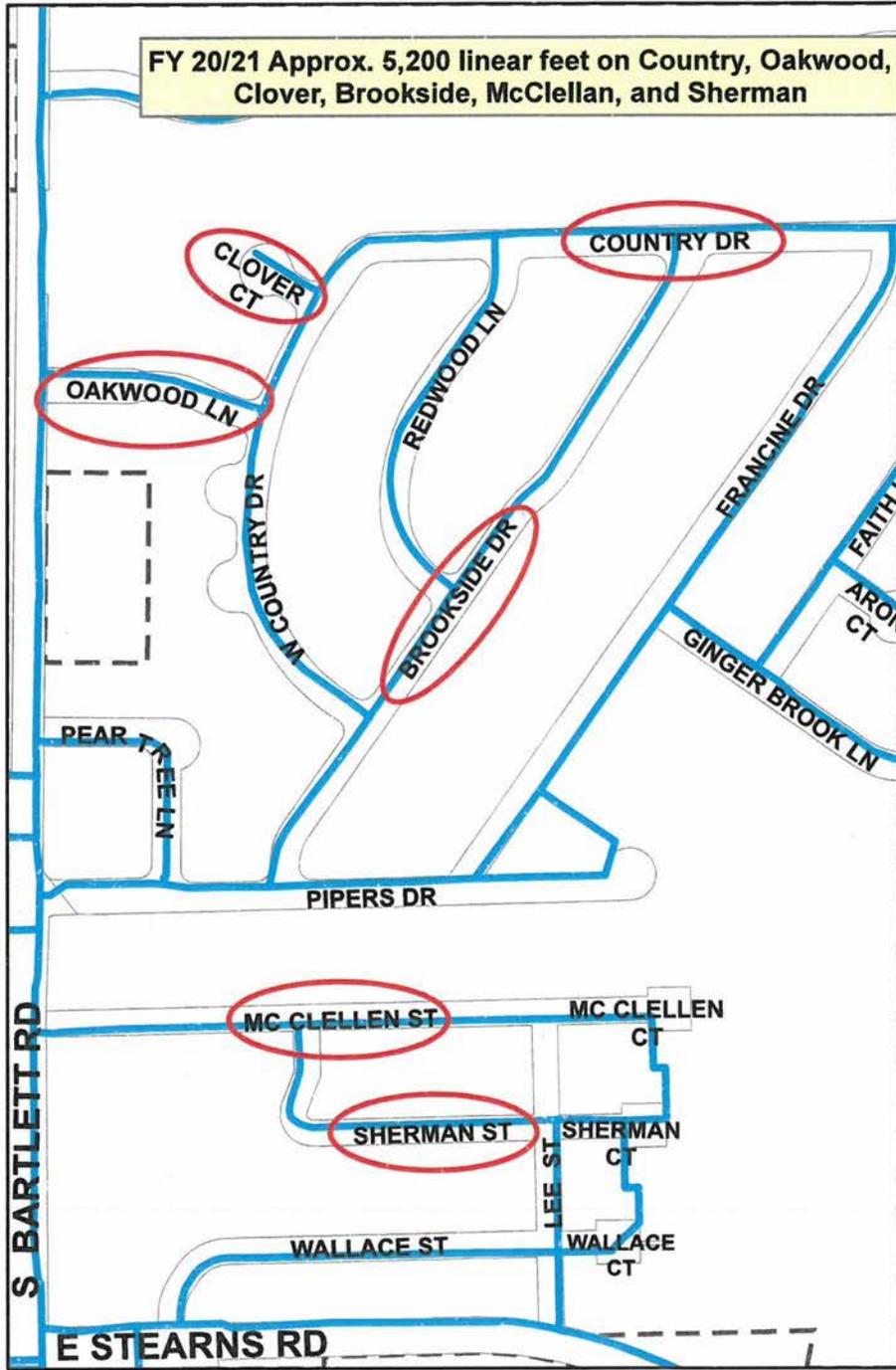
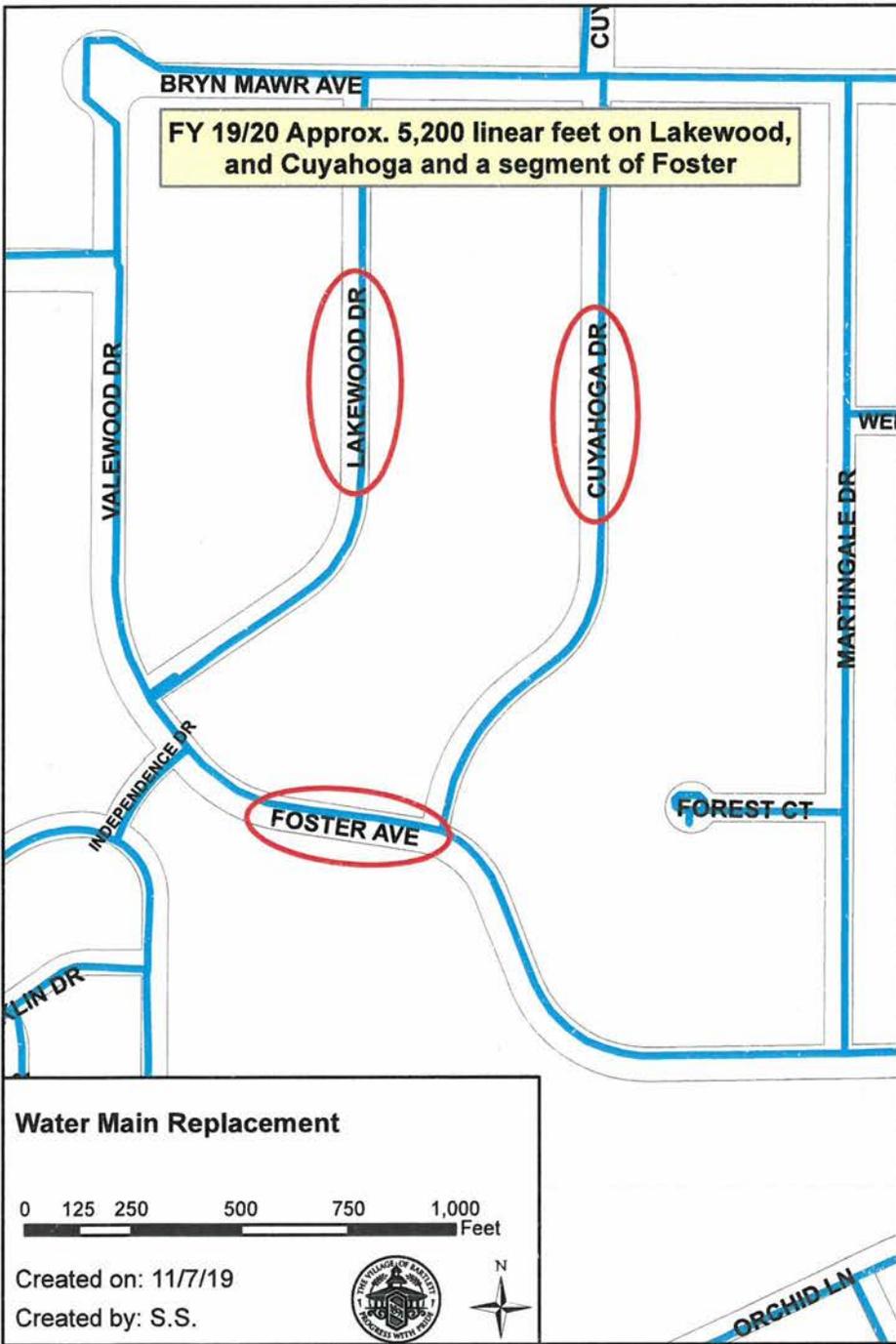
## Water Projects by Year

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

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

FY 20/21 Approx. 5,200 linear feet on Country, Oakwood, Clover, Brookside, McClellan, and Sherman

FY 19/20 Approx. 5,200 linear feet on Lakewood, and Cuyahoga and a segment of Foster



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

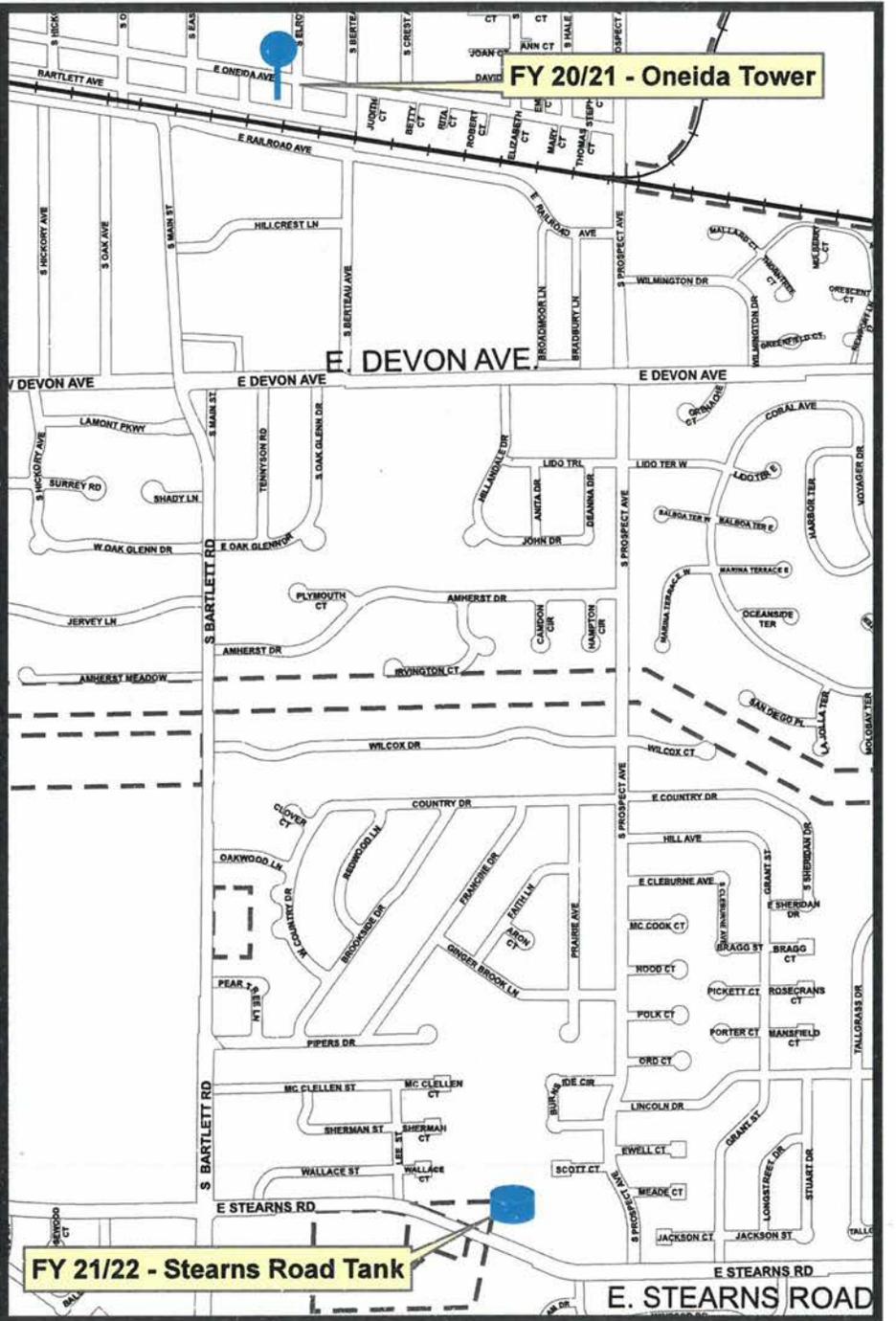
### WATER MAIN REPLACEMENT

<b>Description</b>	<p>This multi-year project consists of replacing water mains that are experiencing frequent main breaks or have capacity concerns.</p> <p>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</p>
<b>Comments</b>	<p>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.</p>
<b>Future Operating Budget Impact</b>	<p>This project will not have a significant impact on the Operating budget.</p>

<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
<b>Total</b>	1,242,594	\$ 890,589	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 7,233,183
<b>Source of Funds</b>							
Water Fund	\$ 1,242,594	\$ 890,589	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 7,233,183
<b>Total</b>	\$ 1,242,594	\$ 890,589	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ 7,233,183



**FY 22/23 - Schick Tower**



**FY 2021 - Oneida Tower**

**FY 21/22 - Stearns Road Tank**

**Water Tower Painting**

Created on: 11/7/19

Created by: S.S.



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**WATER TOWER PAINTING**

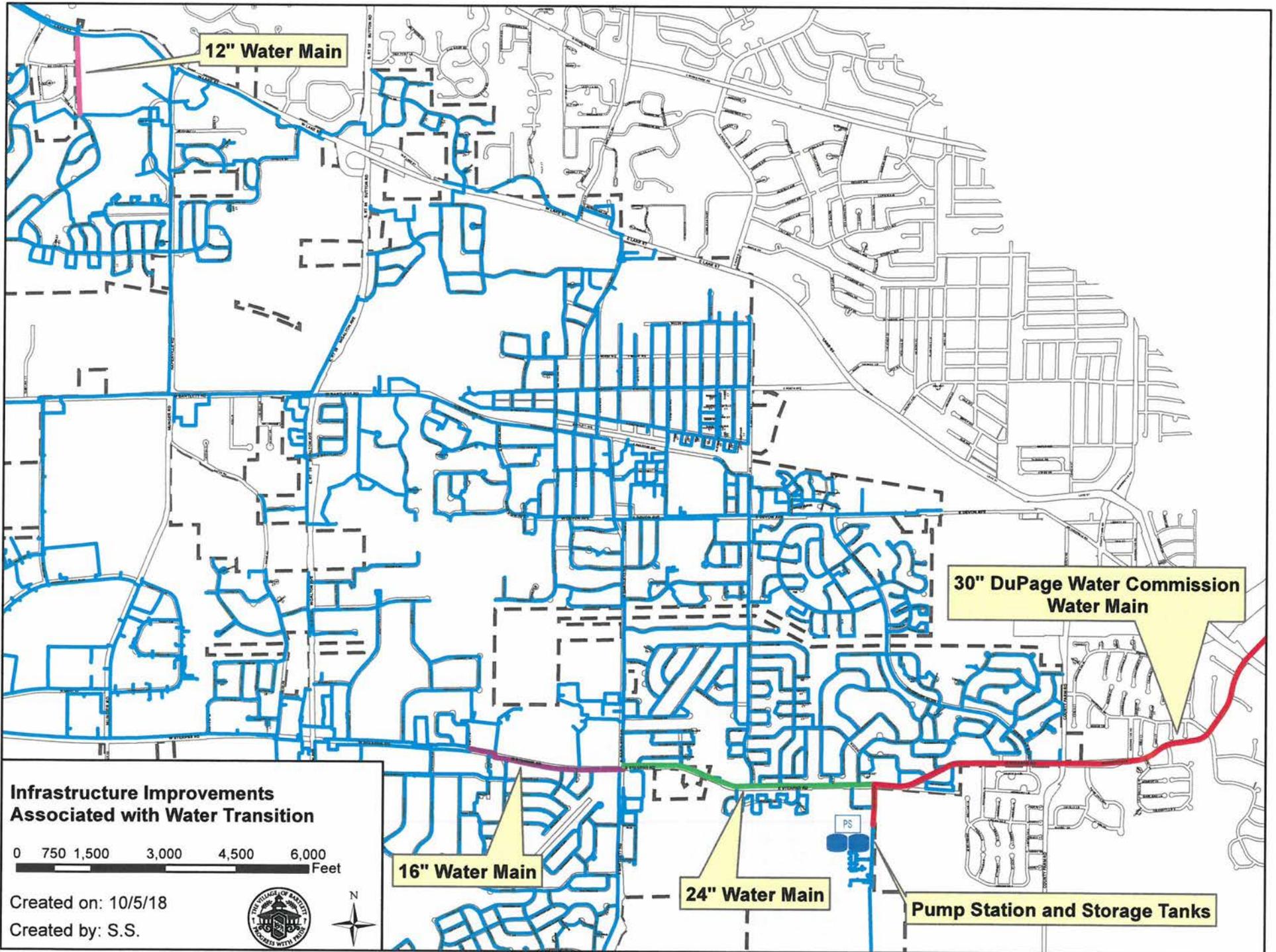
**Description** This multi-year project consists of sandblasting and painting some of our elevated and ground storage water tanks.

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.

<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>	
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
<b>Total</b>	\$ 824,578		\$ 819,500	\$ 476,500	\$ 833,000		\$ 2,953,578
<b>Source of Funds</b>							
Water Fund	\$ 824,578		\$ 819,500	\$ 476,500	\$ 833,000		\$ 2,953,578
<b>Total</b>	\$ 824,578		\$ 819,500	\$ 476,500	\$ 833,000		\$ 2,953,578



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

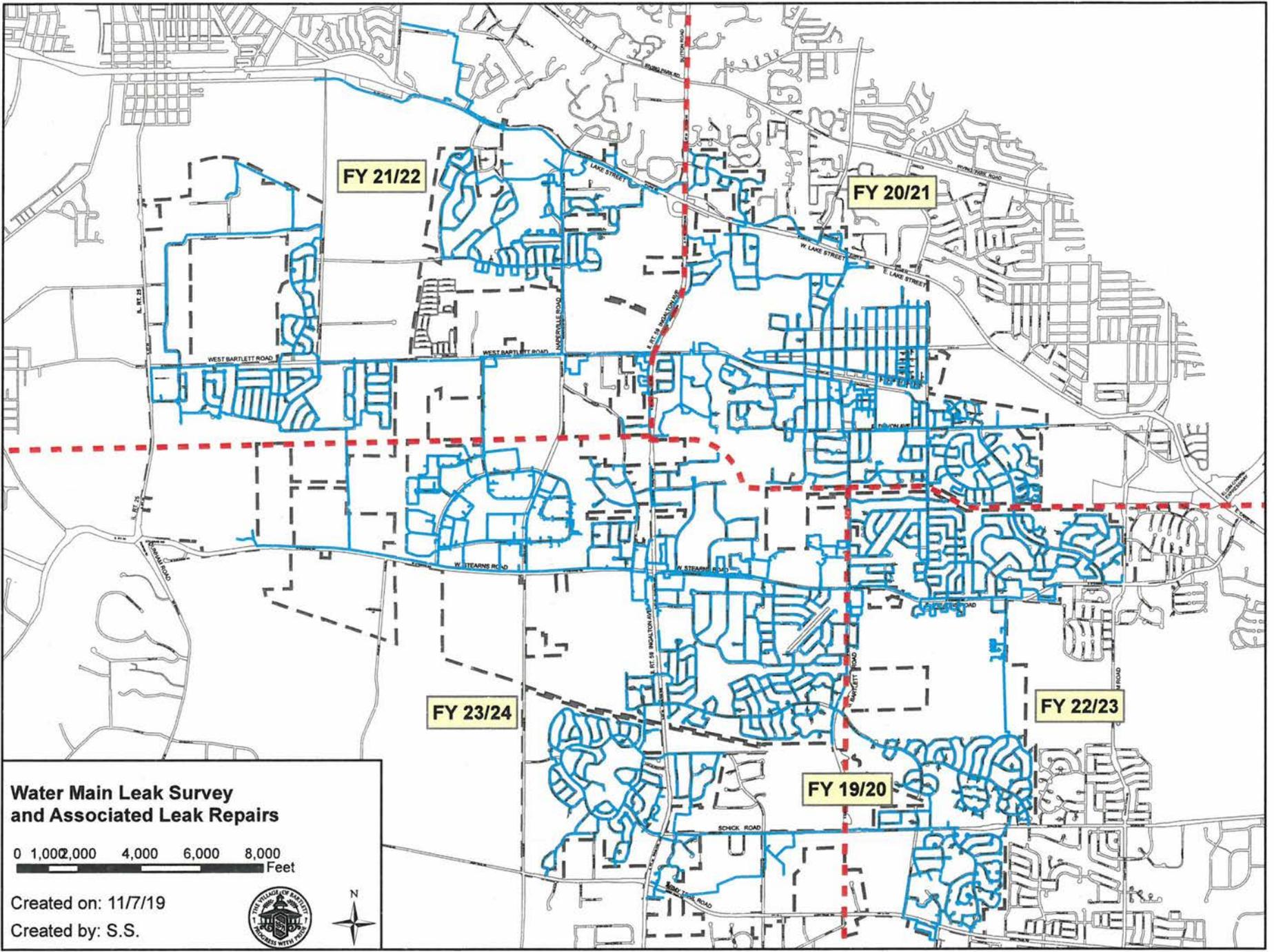
### INFRASTRUCTURE IMPROVEMENTS ASSOCIATED WITH WATER TRANSITION

**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

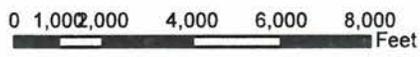
**Comments** Project was completed 5/15/19. We still have a few minor projects to complete - Stearns Rd. Pump Station Upgrade and water main extensions.

**Operating Budget Impact** These improvements will not have an impact on the operating budget.

<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>	
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					5,473,592
Stearns Rd Pump Station Improvements			\$ 1,000,000				1,000,000
1.0 million gallon elevated tank, land				\$ 3,500,000			3,500,000
DWC Capital Buy-In	13,030,632						13,030,632
<b>Total</b>	<b>\$ 39,092,207</b>	<b>\$ 2,500,000</b>	<b>\$ 1,000,000</b>	<b>\$ 3,500,000</b>			<b>\$ 46,092,207</b>
<b>Source of Funds</b>							
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
<b>Total</b>	<b>\$ 39,092,207</b>	<b>\$ 2,500,000</b>	<b>\$ 1,000,000</b>	<b>\$ 3,500,000</b>			<b>\$ 46,092,207</b>



**Water Main Leak Survey  
and Associated Leak Repairs**



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Created by: S.S.



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

### WATERMAIN LEAK SURVEY AND ASSOCIATED LEAK REPAIRS

<b>Description</b>	<p>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.</p> <p>FY 19/20- Survey approximately 50 miles of watermain in the south half of our distribution system</p> <p>FY 20/21- Survey approximately 50 miles of watermain in the northeast section of our distribution system.</p> <p>FY 21/22- Survey approximately 50 miles of watermain in the northwest section of our distribution system.</p> <p>FY 22/23- Survey approximately 50 miles of watermain in the southeast section of our distribution system.</p> <p>FY 23/24- Survey approximately 50 miles of watermain in the southwest section of our distribution system.</p>
<b>Comments</b>	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.
<b>Operating Budget Impact</b>	These improvements will not have an 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>	
Survey approximately 95 miles of main							
Survey approximately 50 miles of main		\$ 10,000	\$ 10,000	\$ 12,000	\$ 12,000		\$ 44,000
Repairs to leaks as they are found		25,000	25,000	25,000	25,000		100,000
<b>Total</b>		\$ 35,000	\$ 35,000	\$ 37,000	\$ 37,000		\$ 144,000
<b>Source of Funds</b>							
Water Fund		\$ 35,000	\$ 35,000	\$ 37,000	\$ 37,000		\$ 144,000
<b>Total</b>		\$ 35,000	\$ 35,000	\$ 37,000	\$ 37,000		\$ 144,000



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**WATER METER CHANGEOUT [NEW PROJECT]**

<b>Description</b>	<p>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.</p> <p>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.</p> <p>FY 22/23- Replace ~33% of system.                  FY 23/24- Replace ~33% of system.                  FY 24/25- Replace remainder of system.</p>
<b>Comments</b>	<p>This will help reduce water loss from meter malfunctions and allow better communication with customers with more frequent meter information.</p>
<b>Operating Budget Impact</b>	<p>This improvement will reduce the amount of time the water crew will be reading meters and allow more time for maintenance of the system.</p>

<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>	
Meters Replaced					\$ 1,000,000	\$ 1,000,000	\$ 2,000,000
<b>Total</b>					\$ 1,000,000	\$ 1,000,000	\$ 2,000,000
<b>Source of Funds</b>							
Water Fund					\$ 1,000,000	\$ 1,000,000	\$ 2,000,000
<b>Total</b>					\$ 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

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

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



**Bittersweet  
Treatment  
Plant**

**Facility Plan Update  
& Phosphorus Removal**

0 25 50 100 150 200 250  
Feet

Created on: 10/5/18  
Created by: S.S.



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

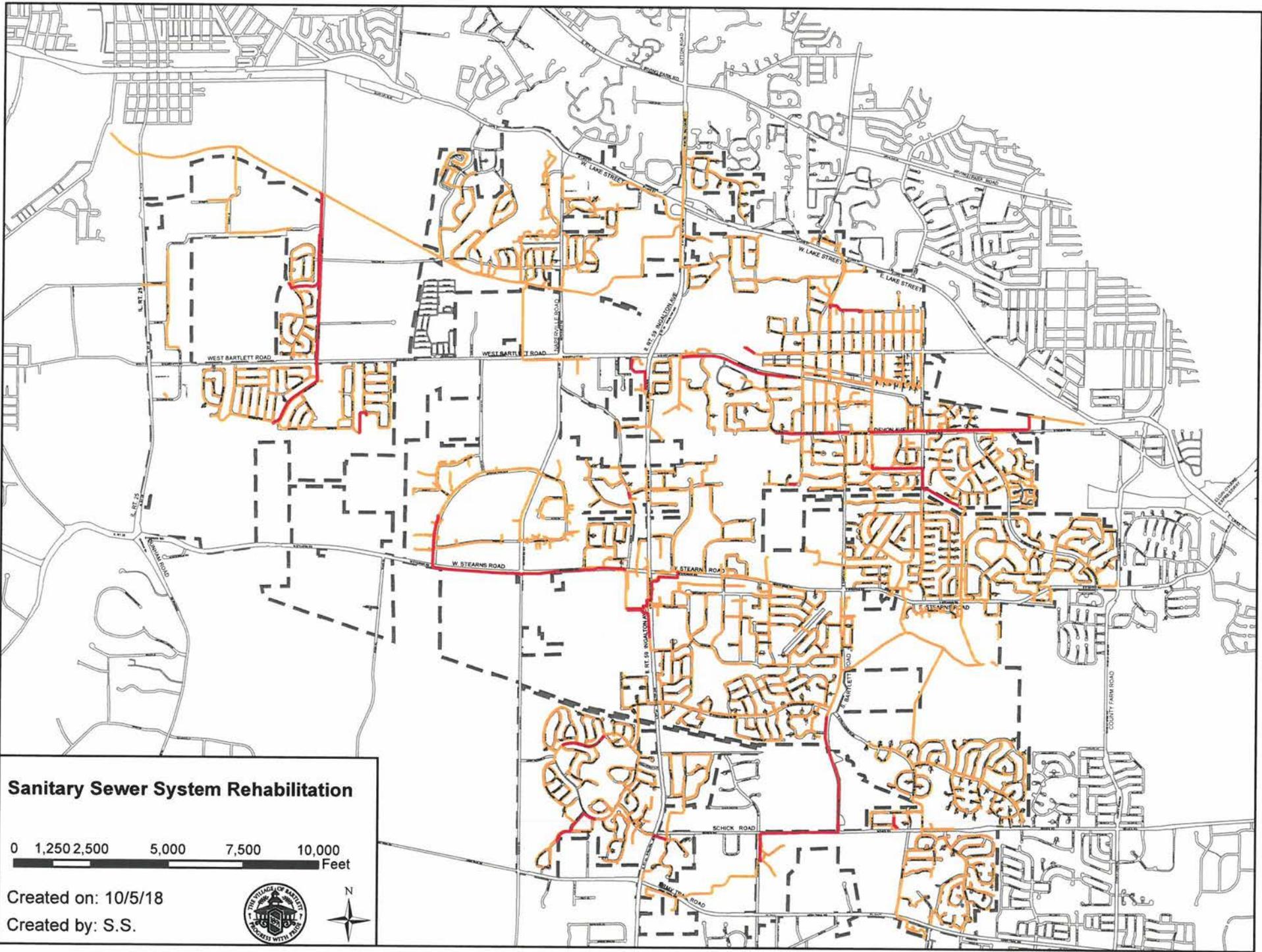
**FACILITY PLAN UPDATE & PHOSPHOROUS REMOVAL**

**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.

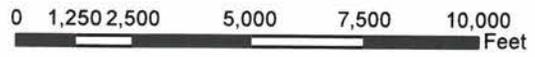
**Comments** The Village approved the Special Conditions that the DuPage River Salt Creek Workgroup (DRSCW) negotiated with the IEPA. This gives us until ~2023 to implement phosphorus removal. The Facility Plan update has been submitted to the IEPA for The costs below represent the dues payment to DRSCW 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	\$ 229,739						\$ 229,739
Contingencies							
DRSCW Dues	128,689	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	505,380
<b>Total</b>	\$ 358,428	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	\$ 735,119
<b>Source of Funds</b>							
Sewer Fund	\$ 358,428	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	\$ 735,119
<b>Total</b>	\$ 358,428	\$ 70,951	\$ 73,080	\$ 75,273	\$ 77,530	\$ 79,857	\$ 735,119



### Sanitary Sewer System Rehabilitation



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**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

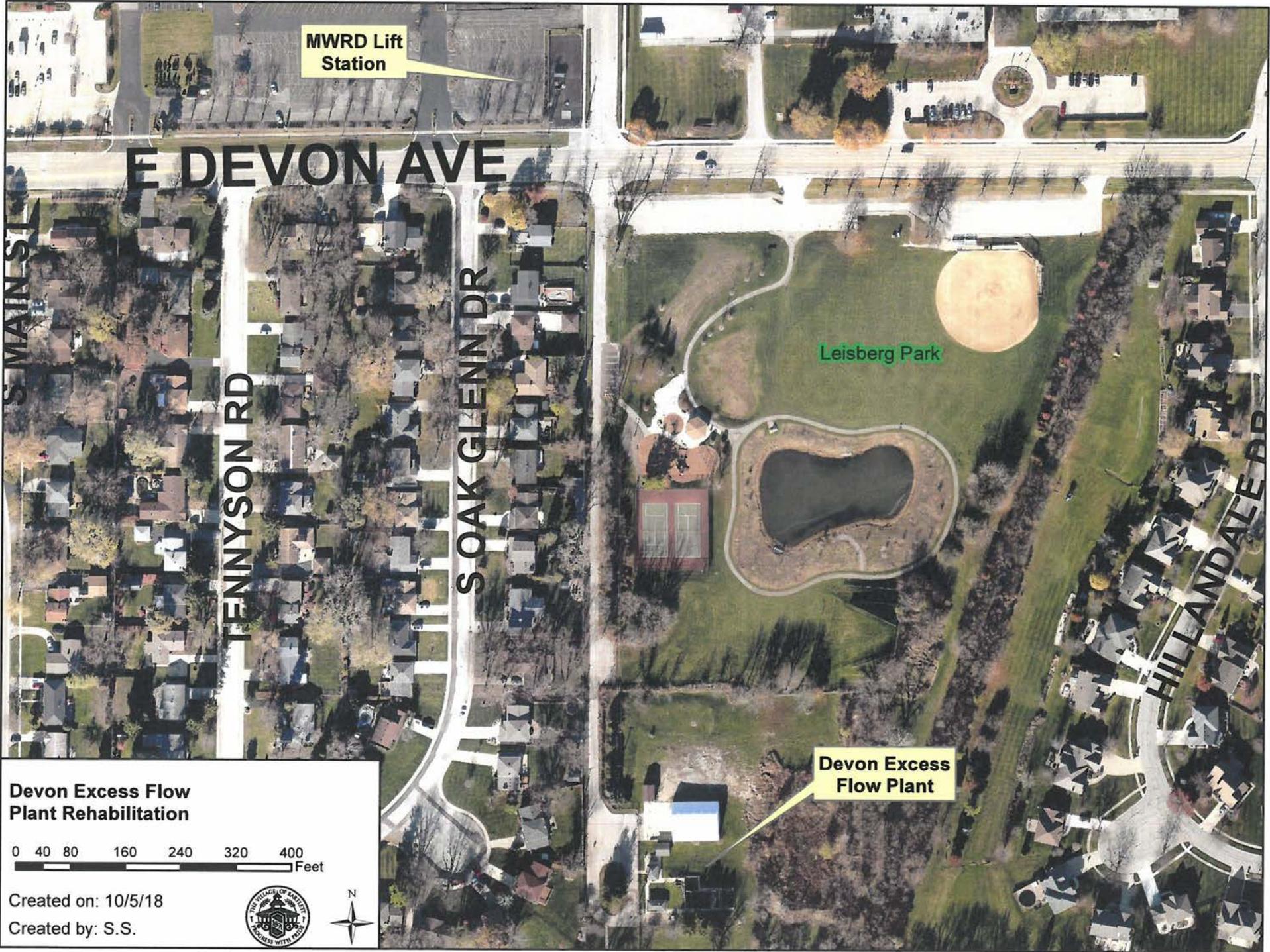
**SANITARY SEWER SYSTEM REHABILITATION**

**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&I.

**Future Operating Budget Impact** No increase to the collection system maintenance costs.

<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 (replacement & lining)		\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,000,000
Engineering	\$ 88,888	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
<b>Total</b>	\$ 88,888	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,088,888
<b>Source of Funds</b>							
Sewer Fund	\$ 88,888	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,088,888
<b>Total</b>	\$ 88,888	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 3,088,888



MWRD Lift Station

E DEVON AVE

S MAIN ST

TENNYSON RD

S OAK GLENN DR

Leisberg Park

HILLENDALE DR

Devon Excess Flow Plant

**Devon Excess Flow Plant Rehabilitation**

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Created by: S.S.

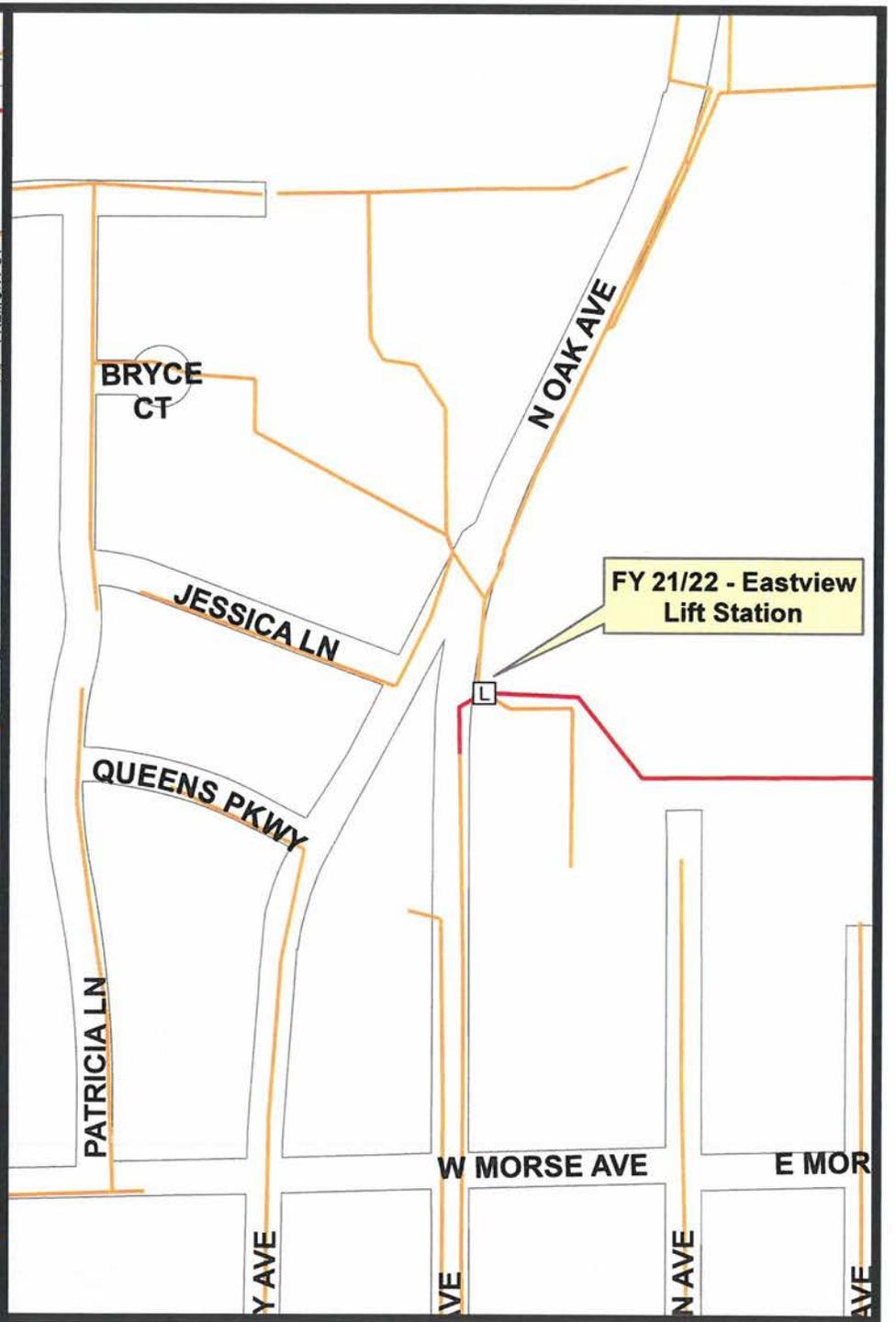
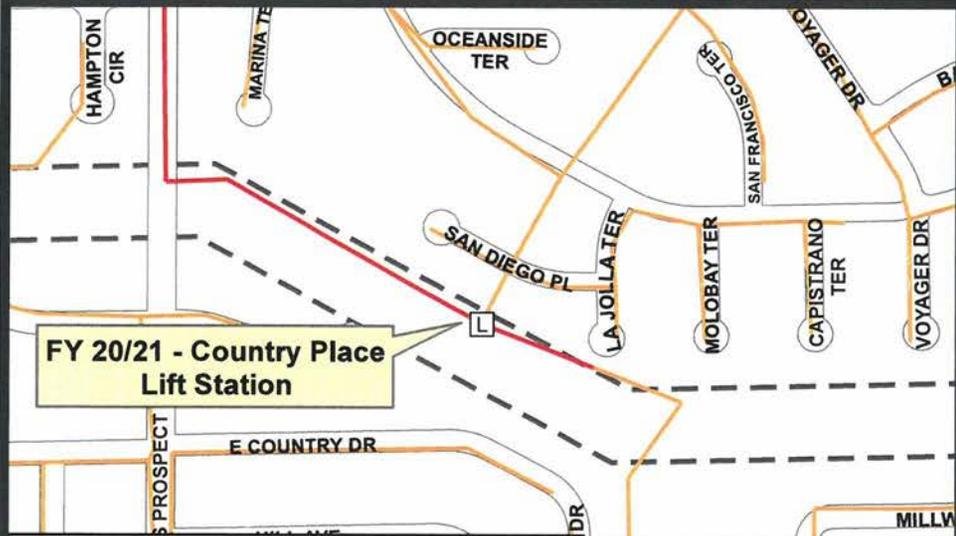
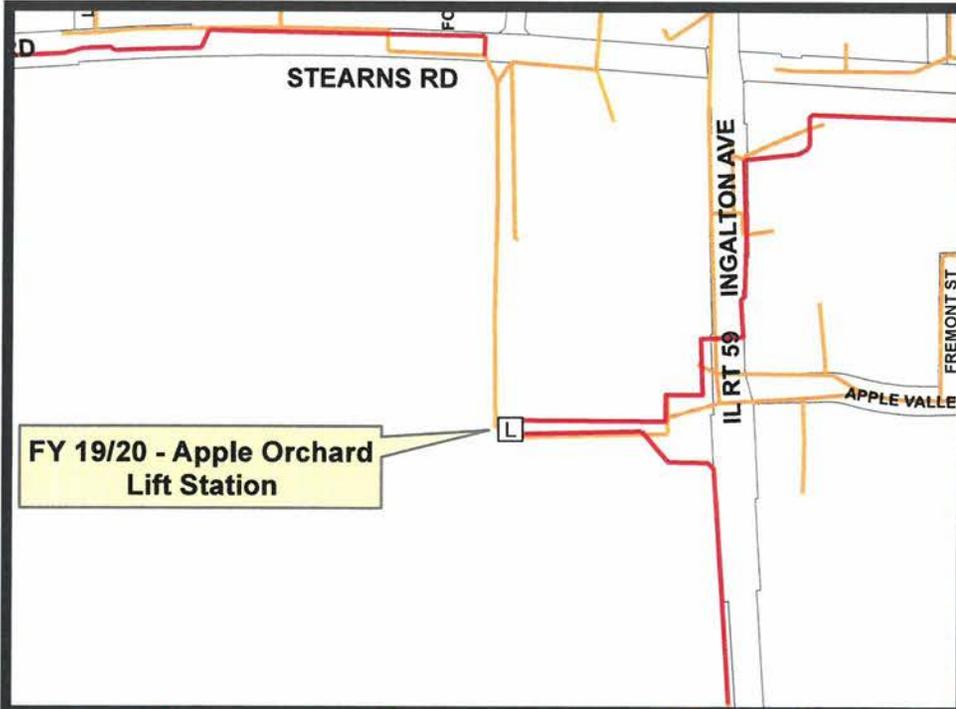


**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**DEVON EXCESS FLOW PLANT REHABILITATION**

<b>Description</b>	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.
<b>Comments</b>	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.
<b>Future Operating Budget Impact</b>	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			\$ 3,000,000	\$ 3,500,000	\$ 1,000,000		\$ 7,500,000
Engineering	\$ 248,634	\$ 250,000	250,000	250,000	250,000		1,248,634
Contingencies					200,000		200,000
<b>Total</b>	\$ 248,634	\$ 250,000	\$ 3,250,000	\$ 3,750,000	\$ 1,450,000		\$ 8,948,634
<b>Source of Funds</b>							
Bond Issue		\$ 50,000	\$ 3,250,000	\$ 3,750,000	\$ 1,450,000		\$ 8,500,000
Sewer Fund	\$ 248,634	200,000					448,634
<b>Total</b>	\$ 248,634	\$ 250,000	\$ 3,250,000	\$ 3,750,000	\$ 1,450,000		\$ 8,948,634



**Lift Station Upgrades and Rehabilitation**  
 Created on: 10/5/18  
 Created by: S.S.




## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

### LIFT STATION UPGRADES AND REHABILITATION

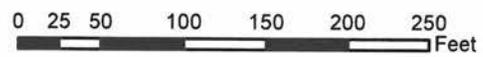
<b>Description</b>	This project consists of improving the condition and safety of the lift stations. This project includes 2 underground lift stations as well as the WWTP's heaviest flow amount. Apple Orchard Lift Station-2019/2020 (postponed until 2020 due to high bids) Country Place Lift Station -2021/2022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

<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		\$ 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
<b>Total</b>	\$ 31,161	\$ 50,000	\$ 1,130,000	\$ 500,000	\$ 300,000	\$ 300,000	\$ 2,311,161
<b>Source of Funds</b>							
Sewer Fund	31,161	\$ 50,000	\$ 1,130,000	\$ 500,000	\$ 300,000	\$ 300,000	\$ 2,311,161
<b>Total</b>	\$ 31,161	\$ 50,000	\$ 1,130,000	\$ 500,000	\$ 300,000	\$ 300,000	\$ 2,311,161



**Bittersweet  
Treatment  
Plant**

**Bittersweet WWTP Facility  
Plan Improvements**



Created on: 10/5/18  
Created by: S.S.



## 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.

<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				\$ 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
<b>Total</b>	\$ 0	\$ 900,000	\$ 850,000	\$ 16,600,000	\$ 12,500,000	\$ 2,100,000	\$ 32,950,000
<b>Source of Funds</b>							
IEPA Low Interest Loan			\$ 850,000	\$ 16,600,000	\$ 12,500,000	\$ 2,100,000	\$ 32,050,000
Sewer Fund		\$ 900,000					900,000
<b>Total</b>	\$ 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**

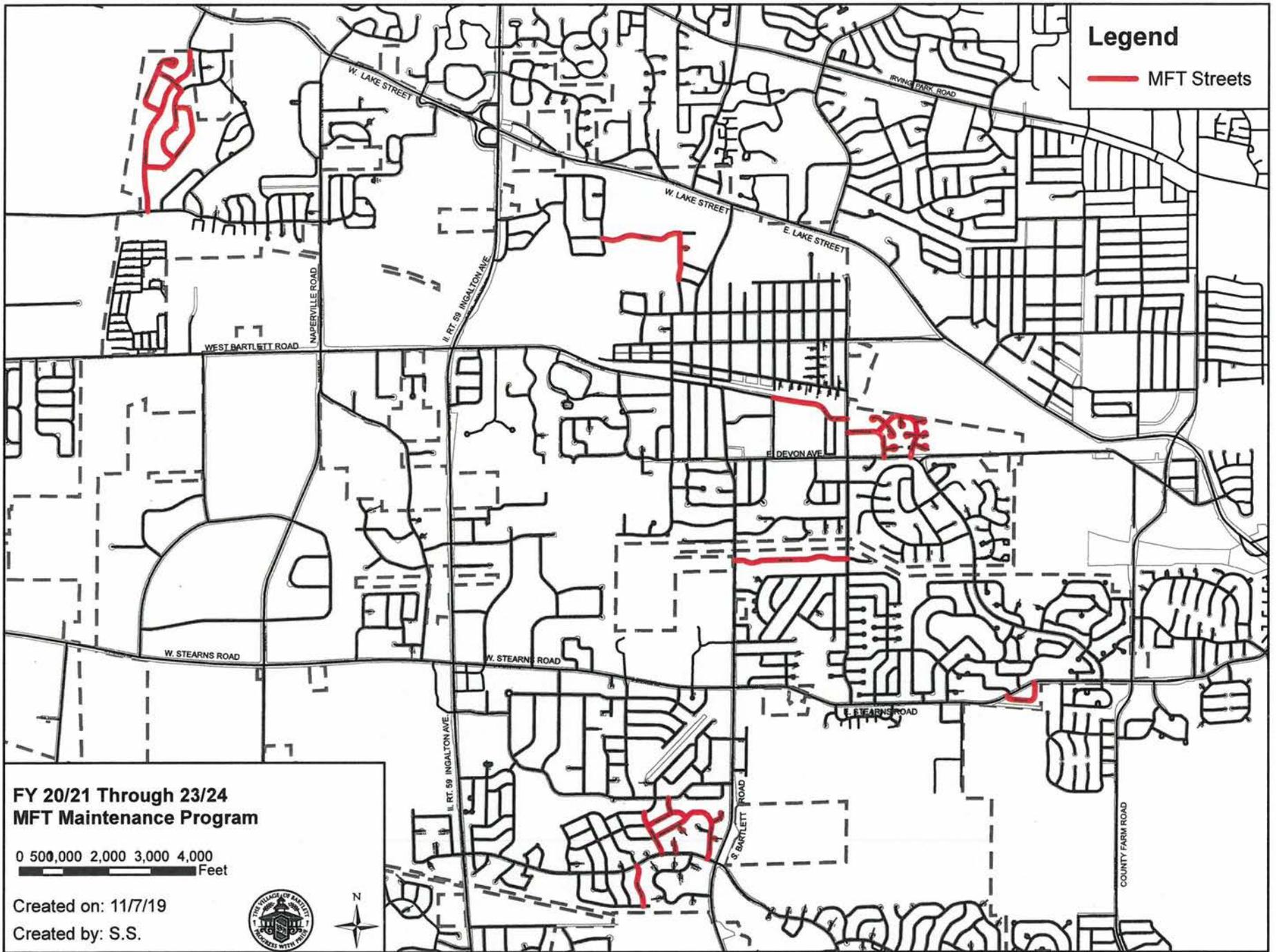
*Street Projects*

## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

### Street Projects by Year

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

<i>Sources of Funds</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>FY 2021-22</i>	<i>FY 2022-23</i>	<i>FY 2023-24</i>	<i>Five Year Total</i>
<i>MFT Fund</i>	\$ 1,621,612	\$ 2,320,000	\$ 3,715,000	\$ 1,755,139	\$ 1,875,000	\$ 11,286,751
<i>STP Fund</i>	980,158				500,000	1,480,158
<i>Grant Funding</i>		131,000				131,000
<i>Municipal Building Fund</i>	75,000	375,000				450,000
<i>Developer Deposits Fund</i>	16,297	50,000		100,000		166,297
<i>Parking Fund</i>		40,000				40,000
<i>General Fund</i>	20,000	30,000	20,000	1,659,861	2,010,000	3,739,861
<i>Park District</i>	20,000	20,000	20,000	20,000	20,000	100,000
<b><i>Total</i></b>	<b>\$ 2,733,067</b>	<b>\$ 2,966,000</b>	<b>\$ 3,755,000</b>	<b>\$ 3,535,000</b>	<b>\$ 4,405,000</b>	<b>\$ 17,394,067</b>



**Legend**

— MFT Streets

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

0 500 1,000 2,000 3,000 4,000  
Feet

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



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

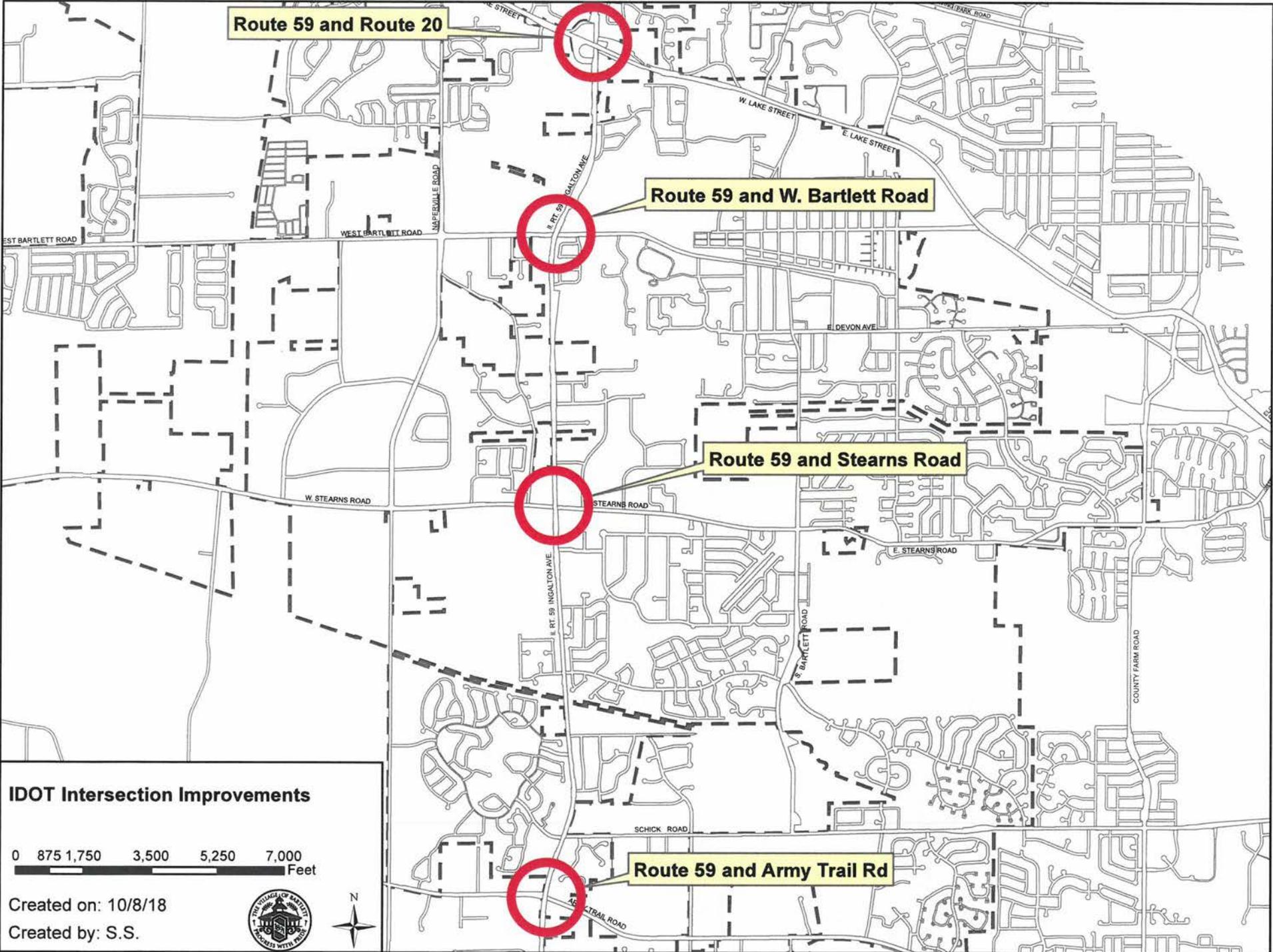
**FY 20/21 THROUGH FY 23/24 MFT MAINTENANCE PROGRAM**

**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	\$ 850,666	\$ 991,545	\$ 2,000,000	\$ 2,500,000	\$ 3,000,000	\$ 3,000,000	\$ 12,342,211
Concrete		100,000	100,000	100,000	100,000	100,000	500,000
Pavement Preservation	38,116	75,000	75,000	75,000	75,000	75,000	413,116
Crack Sealing	70,851	75,000	75,000	75,000	75,000	75,000	445,851
Engineering		45,000	20,000	20,000	50,000	50,000	185,000
<b>Total</b>	\$ 959,633	\$ 1,286,545	\$ 2,270,000	\$ 2,770,000	\$ 3,300,000	\$ 3,300,000	\$ 13,886,178
<b>Source of Funds</b>							
MFT Fund	\$ 959,633	\$ 1,286,545	\$ 2,270,000	\$ 2,770,000	\$ 1,660,139	\$ 1,310,000	\$ 10,256,317
General Fund					1,639,861	1,990,000	3,629,861
<b>Total</b>	\$ 959,633	\$ 1,286,545	\$ 2,270,000	\$ 2,770,000	\$ 3,300,000	\$ 3,300,000	\$ 13,886,178



**IDOT Intersection Improvements**

0 875 1,750 3,500 5,250 7,000 Feet

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



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

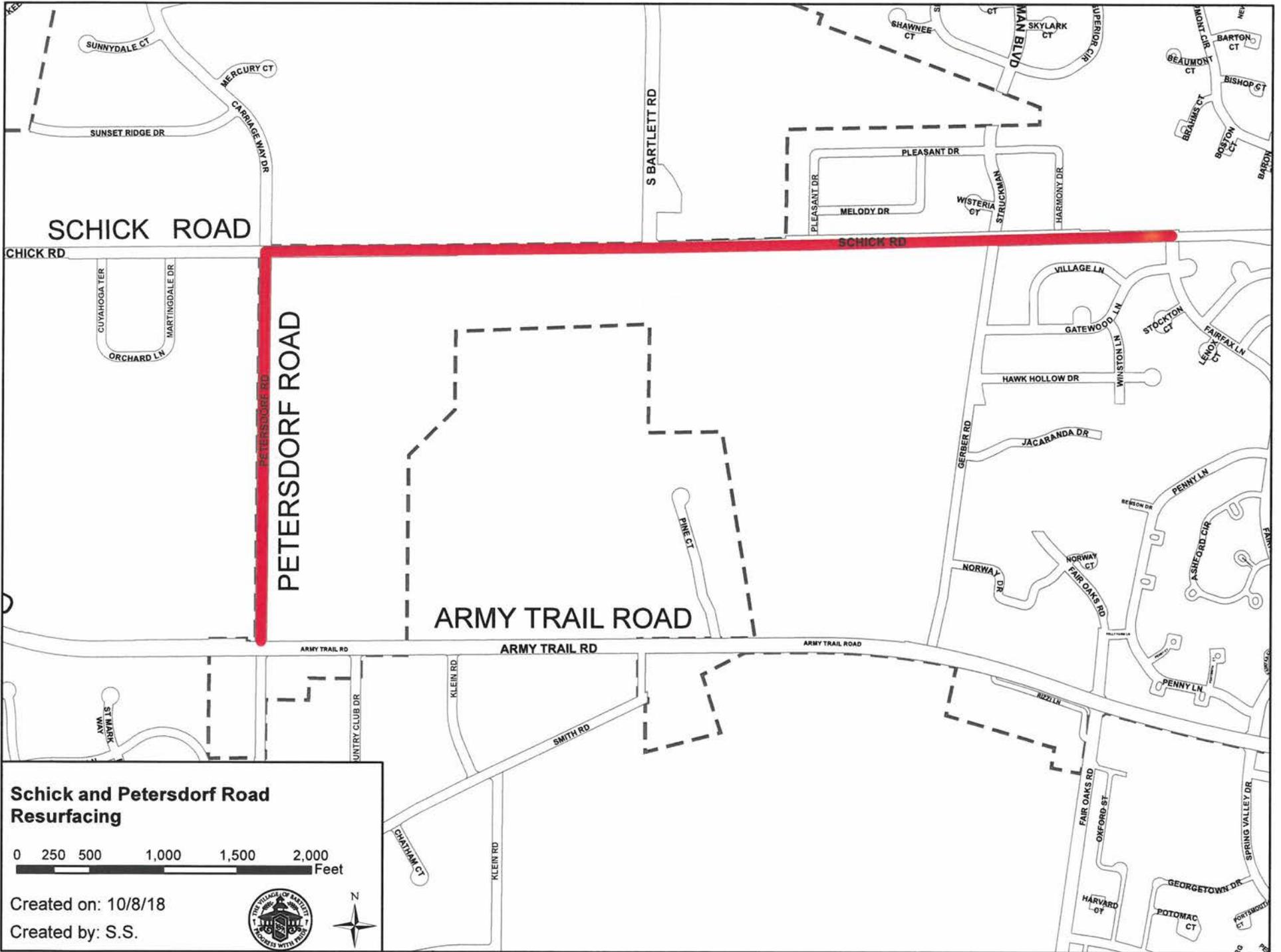
**IDOT INTERSECTION IMPROVEMENTS**

**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**

<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>	
Route 59 and Route 20	\$ 100,517						\$ 100,517
Route 59 and Stearns	24,509						24,509
Route 59 and W. Bartlett Road					\$ 100,000		100,000
Route 59 and Army Trail Road		\$ 16,297	\$ 50,000				66,297
<b>Total</b>	\$ 125,026	\$ 16,297	\$ 50,000		\$ 100,000		\$ 291,323
<b>Source of Funds</b>							
Developer Deposits	\$ 125,026	\$ 16,297	\$ 50,000		\$ 100,000		\$ 291,323
<b>Total</b>	\$ 125,026	\$ 16,297	\$ 50,000		\$ 100,000		\$ 291,323



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**SCHICK AND PETERSDORF ROAD RESURFACING**

<b>Description</b>	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.
<b>Comments</b>	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.
<b>Future Operating Budget Impact</b>	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		\$ 1,120,180					\$ 1,120,180
Engineering	\$ 61,030	68,027					129,057
Contingencies		112,018					112,018
<b>Total</b>	\$ 61,030	\$ 1,300,225					\$ 1,361,255
<b>Source of Funds</b>							
STP Funds		\$ 980,158					\$ 980,158
MFT Funds	\$ 61,030	320,067					381,097
<b>Total</b>	\$ 61,030	\$ 1,300,225					\$ 1,361,255



**North Avenue Resurfacing**



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 Created by: S.S.



HILLCREST LN

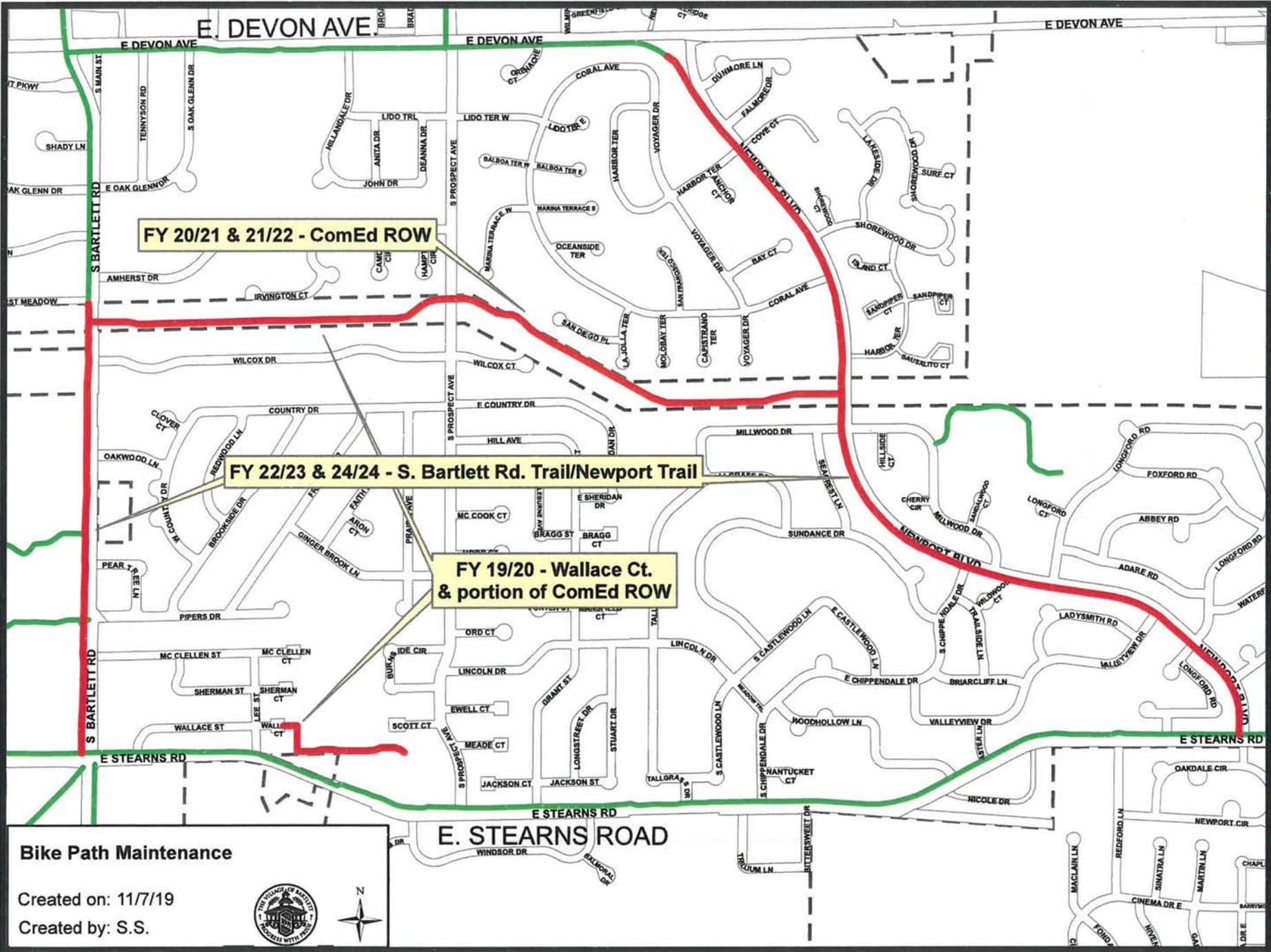
E RAILRO  
 AVE

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**NORTH AVENUE RESURFACING**

<b>Description</b>	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.
<b>Comments</b>	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.
<b>Future Operating Budget Impact</b>	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
<b>Total</b>			\$ 25,000			\$ 775,000	\$ 800,000
<b>Source of Funds</b>							
STP Funds						\$ 500,000	\$ 500,000
MFT Funds			\$ 25,000			275,000	300,000
<b>Total</b>			\$ 25,000			\$ 775,000	\$ 800,000



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

### BIKE PATH MAINTENANCE

<b>Description</b>	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
<b>Comments</b>	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.
<b>Future Operating Budget Impact</b>	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		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000
<b>Total</b>		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000
<b>Source of Funds</b>							
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
<b>Total</b>		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000



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

**GLENN A. KOEHLER  
FIELDS OF BARTLETT**



**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**

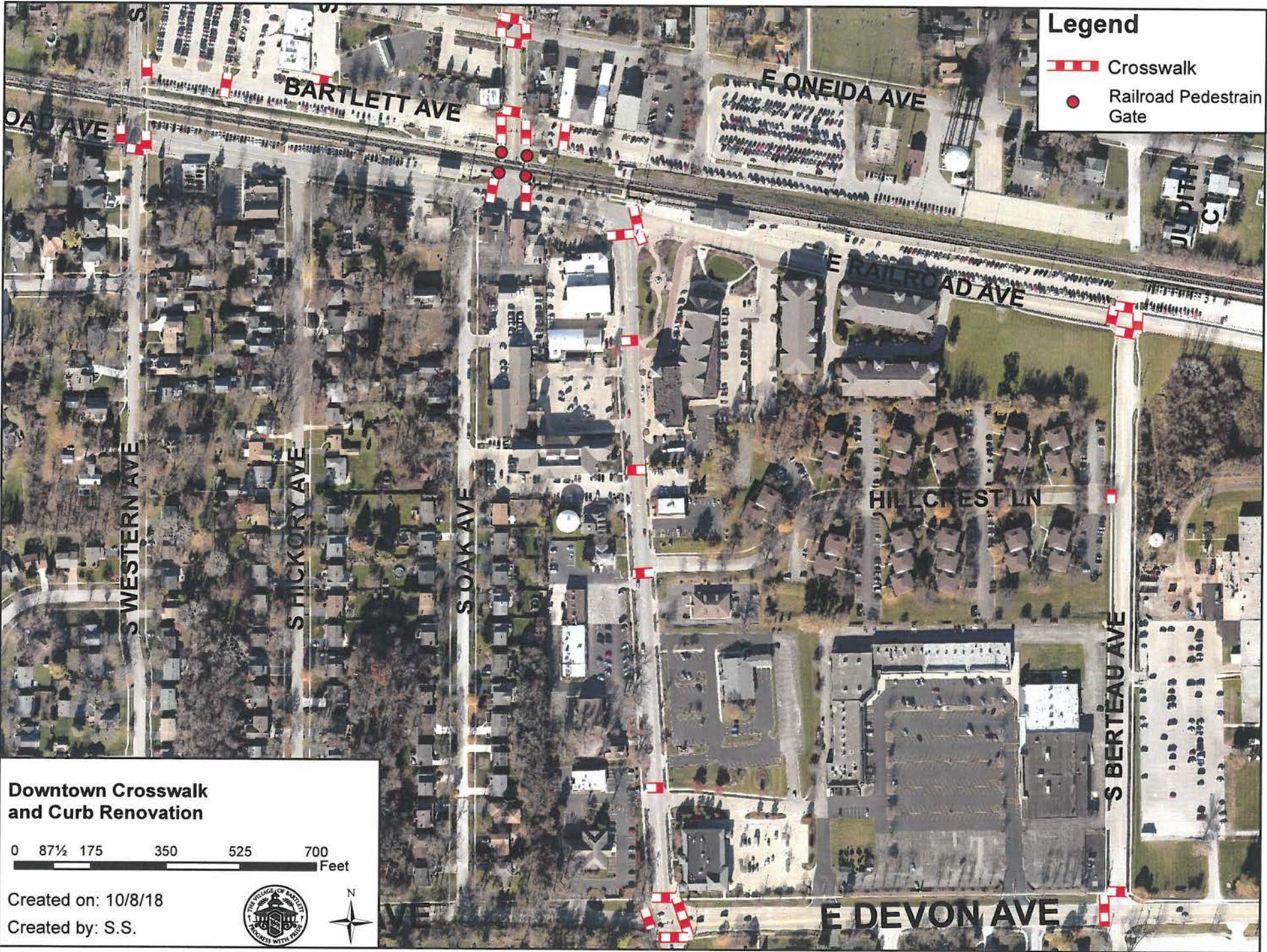
**PARKING LOT IMPROVEMENTS**

**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- Cemetry 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			40,000				40,000
Ruzicka Lot (stone work for leveling)		5,000	5,000	\$ 10,000			20,000
Cemetry curb/drive					\$ 70,000	40,000	110,000
Contingencies		10,000	10,000	10,000	25,000	25,000	80,000
<b>Total</b>	\$ 97,658	\$ 15,000	\$ 75,000	\$ 20,000	\$ 95,000	\$ 290,000	\$ 592,658
<b>Source of Funds</b>							
MFT Fund		\$ 15,000	\$ 25,000	\$ 20,000	\$ 95,000	\$ 290,000	\$ 445,000
General Fund	\$ 97,658		10,000				107,658
Parking Fund			40,000				40,000
<b>Total</b>	\$ 97,658	\$ 15,000	\$ 75,000	\$ 20,000	\$ 95,000	\$ 290,000	\$ 592,658



**Legend**

-  Crosswalk
-  Railroad Pedestrian Gate

**Downtown Crosswalk and Curb Renovation**

0 87½ 175 350 525 700 Feet

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.

<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>	
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
<b>Total</b>			\$ 131,000				\$ 131,000
<b>Source of Funds</b>							
Grant Funding			\$ 131,000				\$ 131,000
Developer Deposits Fund							
<b>Total</b>			\$ 131,000				\$ 131,000



**Oak Avenue Parking Lot**

0 37½ 75 150 225 300 Feet

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

<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		\$ 75,000	\$ 25,000				\$ 100,000
Construction			300,000				300,000
Contingency			50,000				50,000
<b>Total</b>		\$ 75,000	\$ 375,000				\$ 450,000
<b>Source of Funds</b>							
Municipal Building Fund		\$ 75,000	\$ 375,000				\$ 450,000
<b>Total</b>		\$ 75,000	\$ 375,000				\$ 450,000



**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.

<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				\$ 750,000			\$ 750,000
Engineering				100,000			100,000
Contingencies				75,000			75,000
<b>Total</b>				\$ 925,000			\$ 925,000
<b>Source of Funds</b>							
MFT Fund				\$ 925,000			\$ 925,000
<b>Total</b>				\$ 925,000			\$ 925,000



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2020-2024**

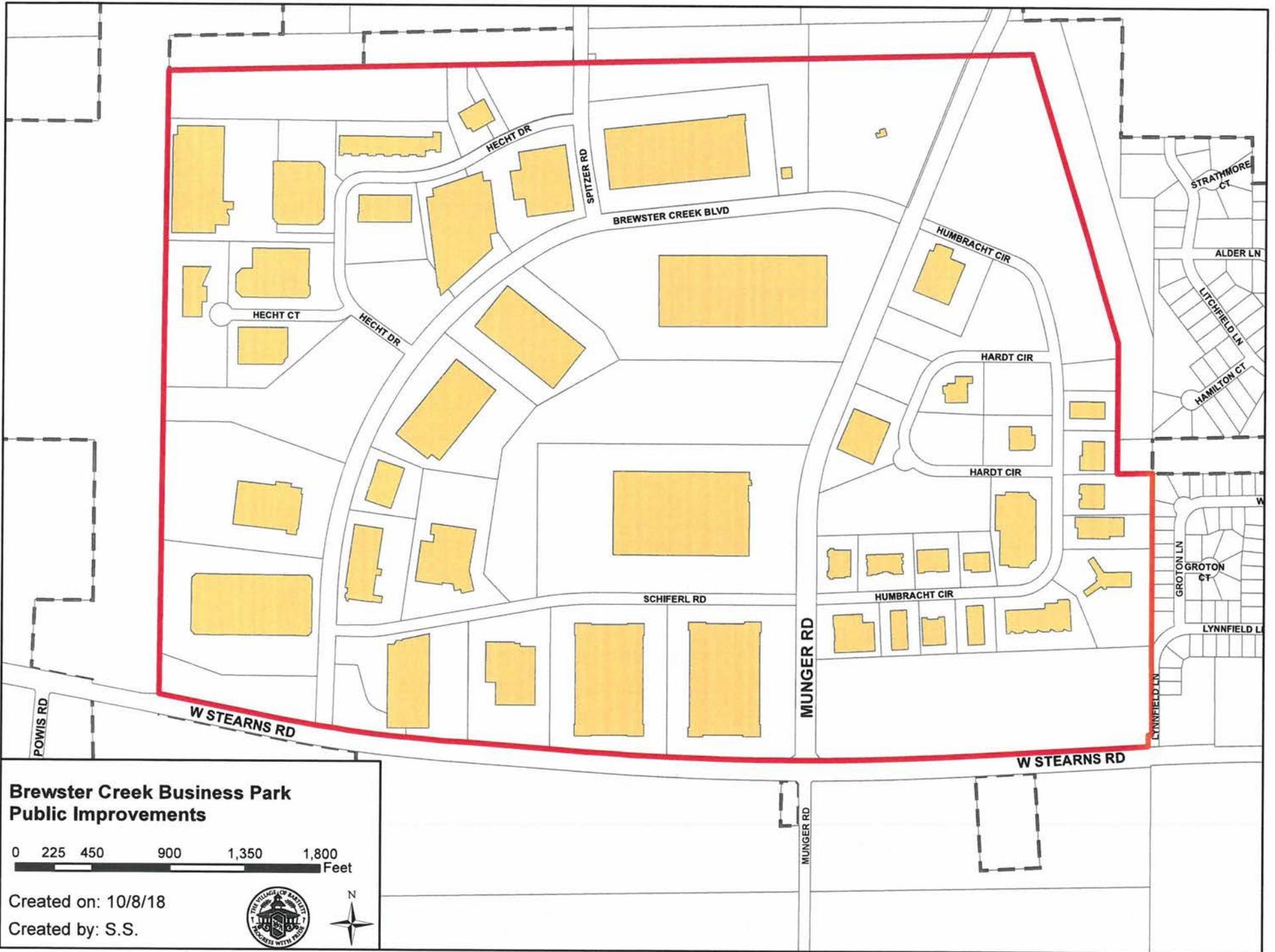
*Economic Development Projects*

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## *Economic Development Projects by Year*

<i>Project</i>	<i>Page</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>FY 2021-22</i>	<i>FY 2022-23</i>	<i>FY 2023-24</i>	<i>Five Year Total</i>
<i>Brewster Creek Public Improvements</i>	44	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000	\$ 950,000	\$ 0	\$ 5,350,000
<i>Bluff City/Blue Heron Public Improvements</i>	46	1,460,000	1,460,000	1,460,000	1,200,000	1,200,000	6,780,000
<b><i>Total</i></b>		<b>\$ 2,960,000</b>	<b>\$ 2,910,000</b>	<b>\$ 2,910,000</b>	<b>\$ 2,150,000</b>	<b>\$ 1,200,000</b>	<b>\$ 12,130,000</b>

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



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

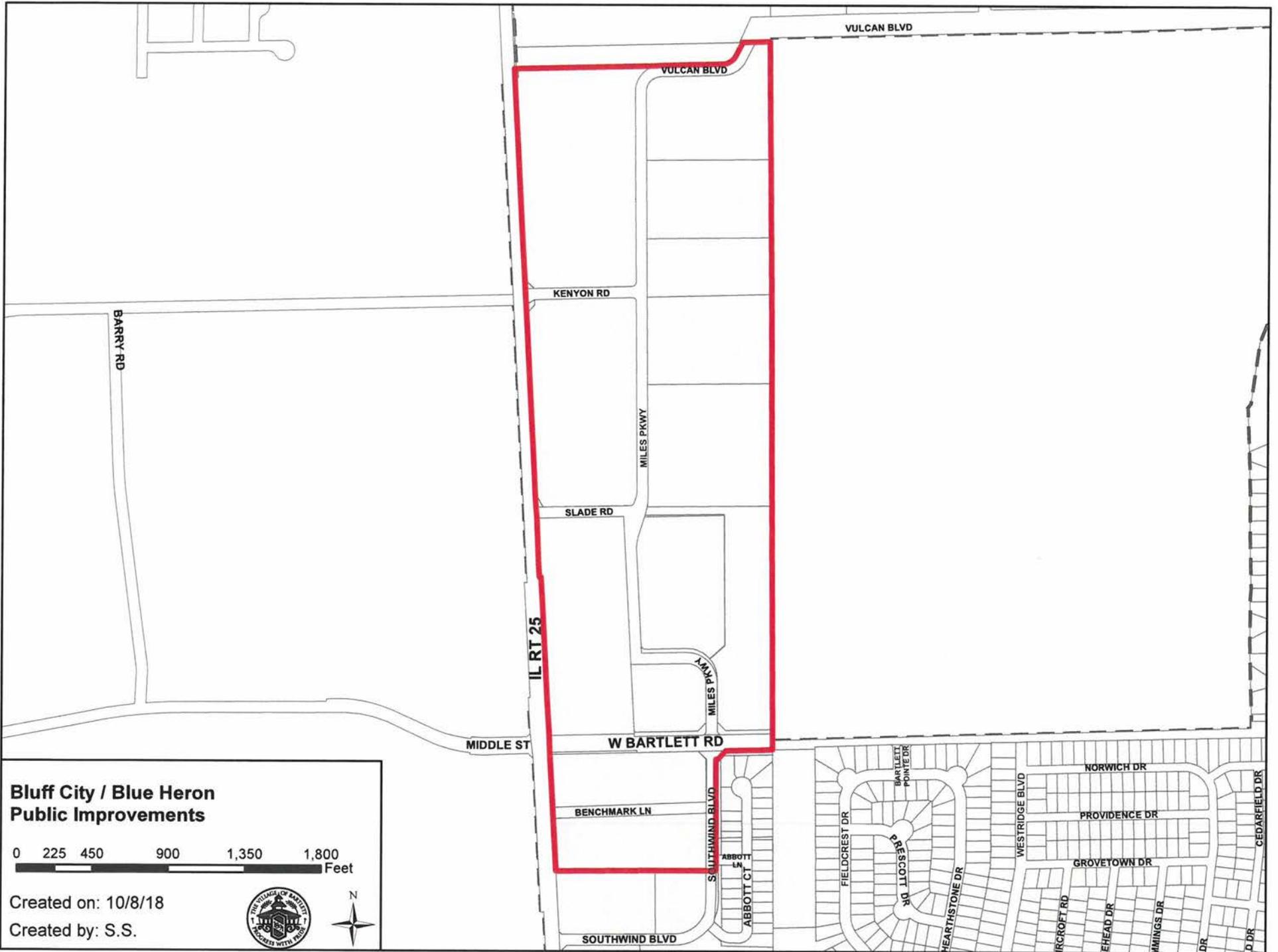
**BREWSTER CREEK BUSINESS PARK PUBLIC IMPROVEMENTS**

**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, watermains, 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.

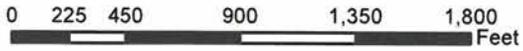
**Comments**

**Future Operating Budget Impact**

<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>	
Sanitary Sewer/Water Distribution	\$ 1,847,855						\$ 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
<b>Total</b>	<b>\$ 33,852,719</b>	<b>\$ 1,500,000</b>	<b>\$ 1,450,000</b>	<b>\$ 1,450,000</b>	<b>\$ 950,000</b>		<b>\$ 39,202,719</b>
<b>Source of Funds</b>							
Brewster Creek TIF Fund	\$ 33,852,719	\$ 1,500,000	\$ 1,450,000	\$ 1,450,000	\$ 950,000		\$ 39,202,719
<b>Total</b>	<b>\$ 33,852,719</b>	<b>\$ 1,500,000</b>	<b>\$ 1,450,000</b>	<b>\$ 1,450,000</b>	<b>\$ 950,000</b>		<b>\$ 39,202,719</b>



**Bluff City / Blue Heron  
Public Improvements**



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



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**BLUFF CITY/BLUE HERON PUBLIC IMPROVEMENTS**

<b>Description</b>	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.
<b>Comments</b>	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.
<b>Future Operating Budget Impact</b>	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.

<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>	
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						926,342
Engineering	297,761	100,000	100,000	100,000	50,000	50,000	697,761
Contingencies		60,000	60,000	60,000	50,000	50,000	280,000
<b>Total</b>	<b>\$ 7,916,417</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,200,000</b>	<b>\$ 1,200,000</b>	<b>\$ 14,696,417</b>
<b>Source of Funds</b>							
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
<b>Total</b>	<b>\$ 7,916,417</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,200,000</b>	<b>\$ 1,200,000</b>	<b>\$ 14,696,417</b>



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2020-2024**

*Golf Projects*

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024

## Golf Projects by Year

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

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

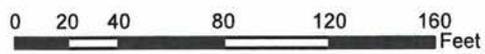
**Comments** New system will use the latest technology in piping (HDP), sprinkler heads and computer controls (GPS). Upkeep of current system is becoming very labor intensive and system has become less efficient.

**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		\$ 50,000 1,600,000
<b>Total</b>				\$ 50,000	\$ 1,600,000		\$ 1,650,000
<b>Source of Funds</b>							
Other				\$ 50,000	\$ 1,600,000		\$ 1,650,000
<b>Total</b>				\$ 50,000	\$ 1,600,000		\$ 1,650,000



**Veranda Resurfacing &  
Outdoor Furniture**



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**

**VERANDA RESURFACING & OUTDOOR FURNITURE [NEW PROJECT]**

<b>Description</b>	Resurfacing of both veranda's along with replacement of 10 outdoor furniture tables and 50 chairs.
<b>Comments</b>	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.
<b>Future Operating Budget Impact</b>	

<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>	
Resurfacing/Furniture			\$ 40,000				\$ 40,000
<b>Total</b>			\$ 40,000				\$ 40,000
<b>Source of Funds</b>							
Municipal Building			\$ 40,000				\$ 40,000
<b>Total</b>			\$ 40,000				\$ 40,000



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2020-2024**

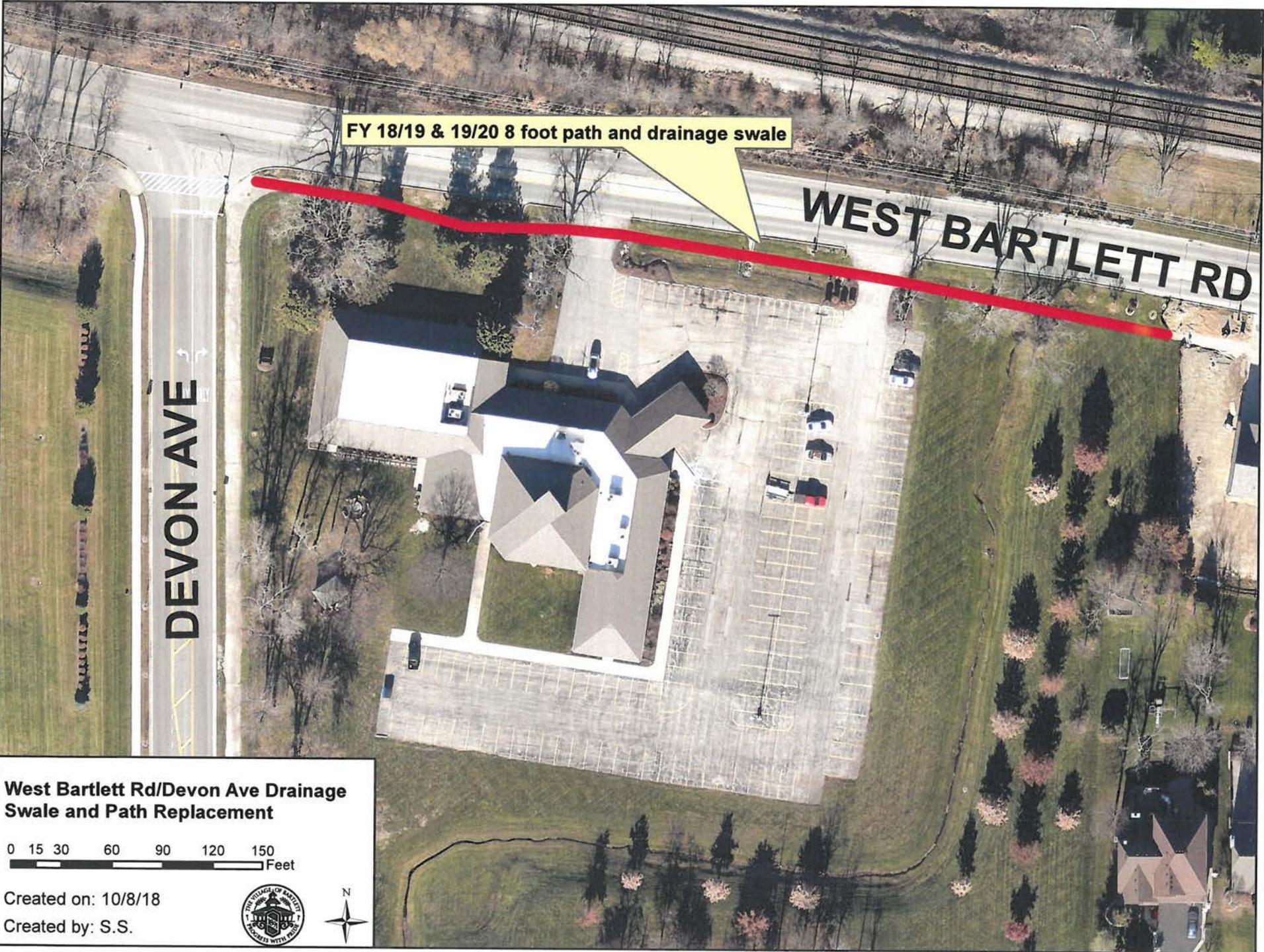
*Other Projects*

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**Other Projects by Year**

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

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



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**

0 15 30 60 90 120 150 Feet

Created on: 10/8/18

Created by: S.S.

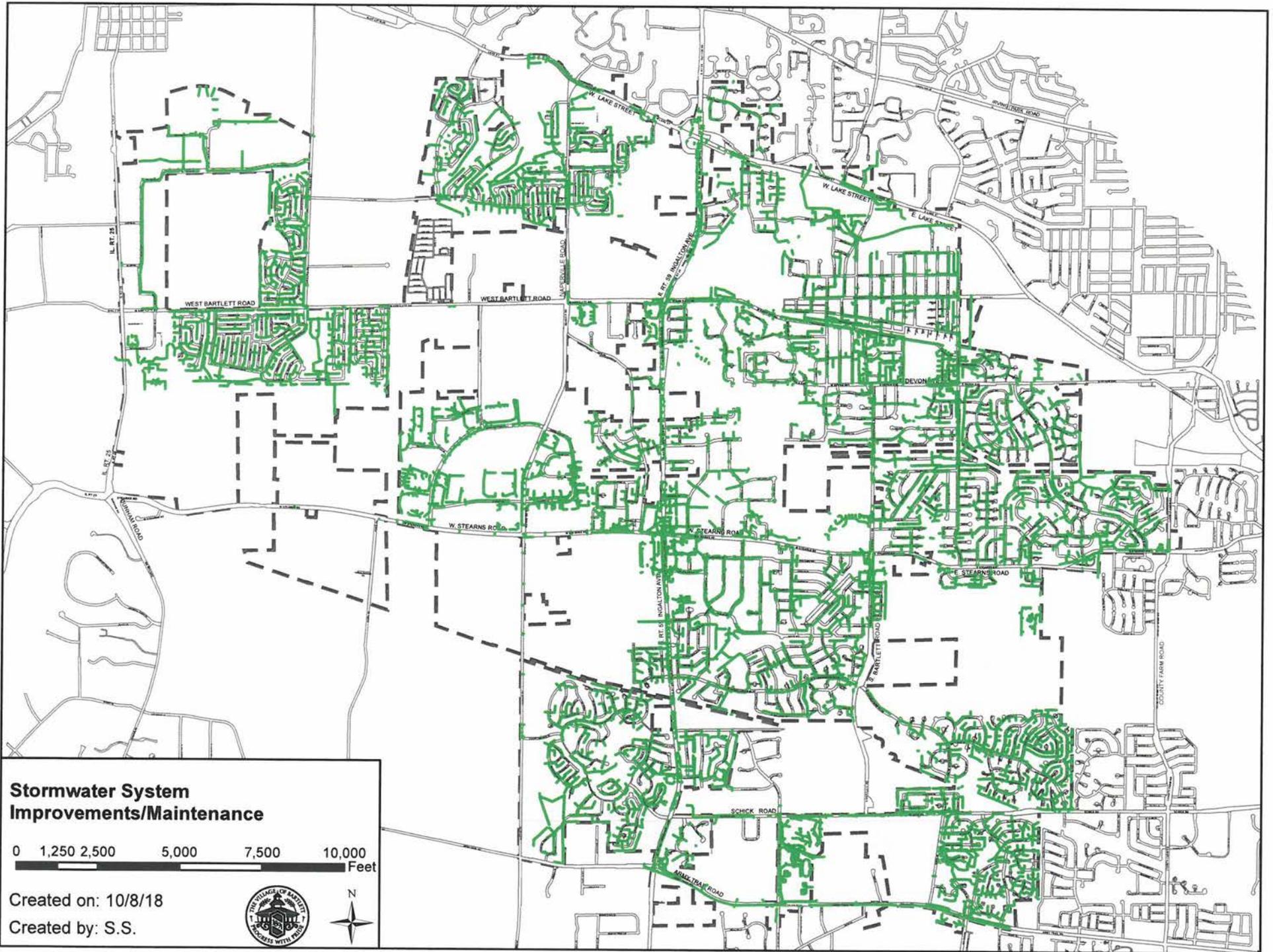


**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2020-2024**

**WEST BARTLETT RD/DEVON AVE DRAINAGE SWALE AND PATH REPLACEMENT**

<b>Description</b>	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.
<b>Comments</b>	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.
<b>Future Operating Budget Impact</b>	No major, future operating budget impact

<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	\$ 33,234	\$ 19,732	\$ 50,000				\$ 102,966
Contingencies			10,000				10,000
Construction			340,000				340,000
<b>Total</b>	\$ 33,234	\$ 19,732	\$ 400,000				\$ 452,966
<b>Source of Funds</b>							
General Fund (Stormwater)	\$ 23,234		\$ 200,000				\$ 223,234
Grants	10,000	\$ 19,732	200,000				229,732
<b>Total</b>	\$ 33,234	\$ 19,732	\$ 400,000				\$ 452,966



**Stormwater System  
Improvements/Maintenance**

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

Created on: 10/8/18

Created by: S.S.



**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.

<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	\$ 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							
<b>Total</b>	\$ 61,491	\$ 205,000	\$ 305,000	\$ 405,000	\$ 405,000	\$ 405,000	\$ 1,786,491
<i>Source of Funds</i>							
General Fund	\$ 61,491	\$ 205,000	\$ 305,000	\$ 405,000	\$ 405,000	\$ 405,000	\$ 1,786,491
<b>Total</b>	\$ 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**

0 15 30 60 90 120 150  
Feet

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**

<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 Study	\$ 58,025	\$ 75,000					\$ 133,025
Design Engineering			\$ 50,000	\$ 50,000			100,000
Construction					\$ 250,000		250,000
Contingency					50,000		50,000
<b>Total</b>	\$ 58,025	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000		\$ 533,025
<b>Source of Funds</b>							
MFT Funds	\$ 58,025	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000		\$ 533,025
<b>Total</b>	\$ 58,025	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000		\$ 533,025