

*Village of Bartlett, Illinois*  
*2017-2021 Capital Budget*



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VILLAGE PRESIDENT  
 Kevin Wallace

ADMINISTRATOR  
 Valerie L. Salmons

VILLAGE CLERK  
 Lorna Giles

TRUSTEES  
 T.L. Arends  
 Michael E. Camerer D.C  
 Vince Carbonaro  
 Raymond H. Deyne  
 Adam J. Hopkins  
 Aaron H. Reinke

December 6, 2016

The Honorable Village President  
 and Board of Trustees

Submitted for your consideration is the Capital Improvements Program for the Fiscal Years 2016-17 through 2020-21. 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 2017-2021 totals \$111,387,119. This is a 124% increase from last year's Program.

**Capital Improvements Expenditures**

<u>Year</u>	<u>Total</u>	<u>% Change</u>
2011-2012	3,893,389	1%
2012-2013	6,823,027	75%
2013-2014	7,299,896	7%
2014-2015	5,895,502	-19%
2015-2016	10,250,248	74%
2016-2017 Estimated	7,437,854	-27%
2017-2018 Proposed	41,265,351	455%
2018-2019 Proposed	40,581,783	-2%
2019-2020 Proposed	13,699,451	-66%
2020-2021 Proposed	8,402,680	-39%

The chart above shows annual expenditures in the 2017-2021 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), there is a strong emphasis on economic development and sewer projects.

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

<u>Category</u>	<u>2017-2021</u> <u>Proposed</u>	<u>2012-2016</u> <u>Actual</u>
Water	\$42,705,570	\$927,861
Sewer	20,054,611	3,031,075
Streets	9,859,438	17,043,721
Econ Dev	17,825,000	7,827,662
Golf	0	215,703
Other	<u>20,942,500</u>	<u>5,116,040</u>
<b>Total</b>	<b>\$111,387,119</b>	<b>\$34,162,062</b>

Pages T7 and T8 present 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.

### 2017-18 Highlights

While the Capital Improvements Program anticipates expenditures over a five-year period, the immediate focus is on 2017-18, 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 2017-18 is \$41,265,351. A complete listing of the 2017-18 projects can be found on Page T11.

Funds are proposed for a total of 29 projects. Seven 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 T9. They include the following:

*Country Place Lift Station Upgrade:* This project consists of improving the condition and safety of the lift station. Budgeted for 2018-2019. Estimated cost: \$400,000.

*Miscellaneous WWTP Upgrades:* Updates needed to 40 year old treatment plant. Budgeted for 2020-2021. Estimated cost: \$2,350,000.

*Ruzicka Field Parking Lot Improvements:* Replace the gravel lot with a paved and striped lot to maximize parking. Budgeted for 2017-2018. Estimated cost: \$673,200.

*Schick and Petersdorf Road Resurfacing:* Resurfacing, patching, curb and gutter repairs. Budgeted for 2018-2019. Estimated cost: \$1,400,225.

*Schick and Struckman Bridge Rehabilitation:* Ongoing Bridge Inspection program per IDOT standards. Budgeted for 2017-2018. Estimated cost: \$260,000.

*North Avenue Resurfacing:* Resurfacing, patching, curb and gutter repairs. Budgeted for 2019-2020. Estimated cost: \$687,000.

*Police Station:* Construction of a new Police State and parking lot. Budgeted for 2017-2019. Estimated cost: \$20,000,000.

**Financing**

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

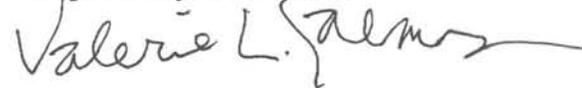
<b>Funding Sources</b>		
<b><u>Funding Source</u></b>	<b><u>Amount</u></b>	<b><u>% of Total</u></b>
2016 GO Bonds	16,200,000	14.54%
IEPA Loans	55,445,000	49.78%
Brewster Creek TIF	9,925,000	8.91%
Bluff City TIF	7,100,000	6.37%
Motor Fuel Tax	7,183,081	6.45%
Grants	1,758,408	1.58%
Water Fund	4,408,570	3.96%
Sewer Fund	2,609,611	2.34%
Developer Deposits	3,149,099	2.83%
General Fund	1,255,000	1.13%
Other	2,353,350	2.11%
<b>Total</b>	<b>111,387,119</b>	<b>100.00%</b>

Bonds were approved for the construction of the Police Station and IEPA low interest loans to finance major Water and Sewer projects. Other capital revenues to finance projects in the 2017-2021 program include Water and Sewer funds, Motor Fuel Tax funds, Brewster Creek TIF funds, Bluff City TIF funds, developer donations, and grants.

**Review**

This program is scheduled for review at the December 6<sup>th</sup> Committee meeting. Staff will be prepared to respond to your questions and concerns.

Respectfully Submitted,



Valerie L. Salmons  
Village Administrator

**RESOLUTION 2016-97-R**

**A RESOLUTION ADOPTING THE 2017-2021 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 2017-2021 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 2017-2018 fiscal year totaling \$41,265,351.

**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:**

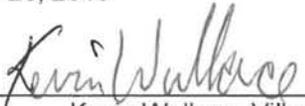
**AYES:** Trustees Camerer, Carbonaro, Deyne, Hopkins, Reinke

**NAYS:** None

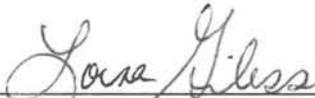
**ABSENT:** Trustee Arends

**PASSED:** December 20, 2016

**APPROVED:** December 20, 2016

  
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 2016-97-R enacted on December 20, 2016 and approved on December 20, 2016, as the same appears from the official records of the Village of Bartlett.



  
Lorna Giles, Village Clerk



# *Village of Bartlett, Illinois*

*Capital Improvements Program*

**2017-2021**

*Tables & Graphs*

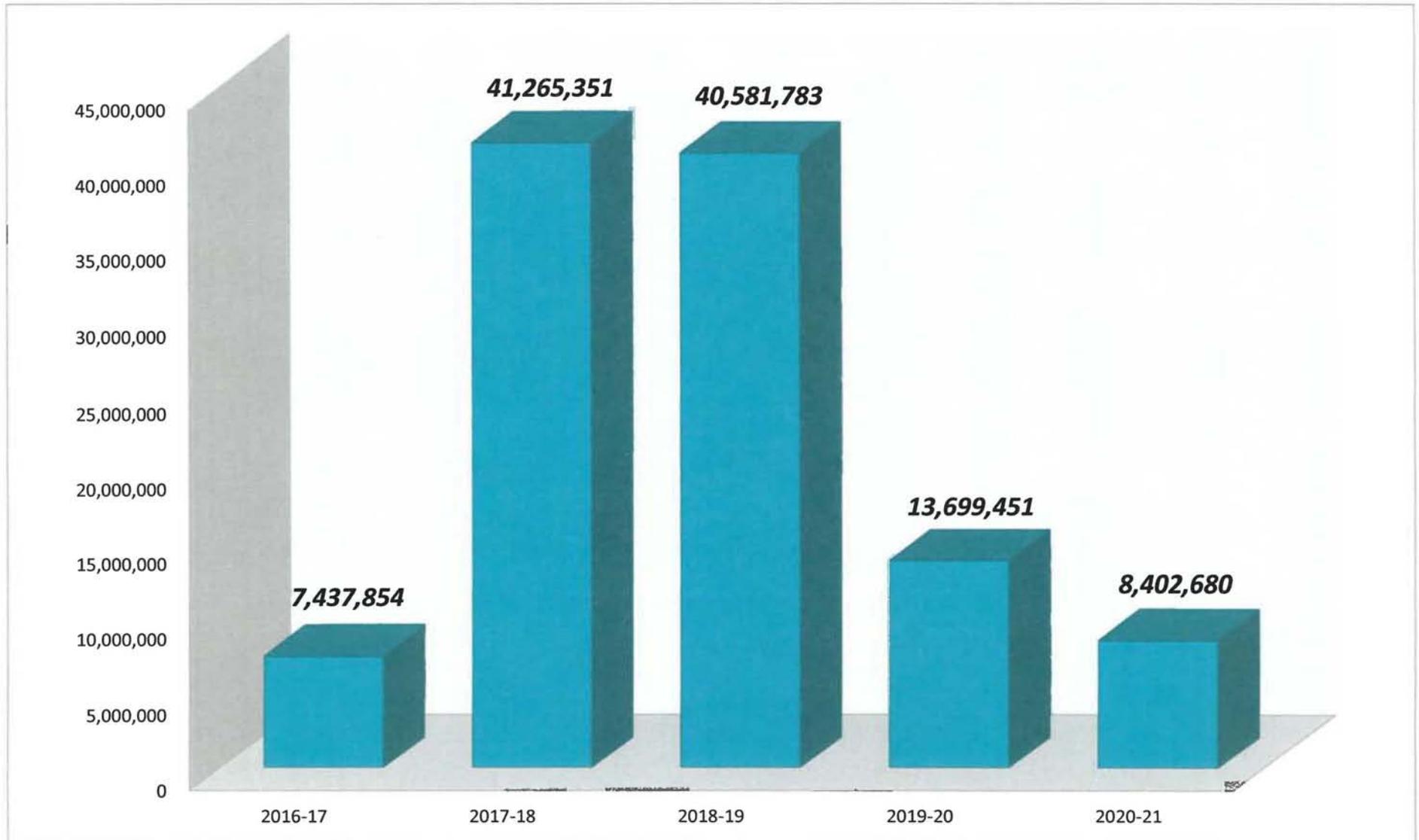
# *VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021*

## *Expenditure Summary*

<i>Program Category</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>	<i>% of Total</i>
<i>Water</i>	664,470	19,815,500	19,927,500	1,413,500	884,600	42,705,570	38.34%
<i>Sewer</i>	579,820	5,589,202	5,221,558	5,805,951	2,858,080	20,054,611	18.00%
<i>Streets</i>	1,123,564	2,313,149	2,560,225	2,662,500	1,200,000	9,859,438	8.85%
<i>Economic Development</i>	3,985,000	3,460,000	3,460,000	3,460,000	3,460,000	17,825,000	16.00%
<i>Golf</i>	0	0	0	0	0	0	0.00%
<i>Other</i>	1,085,000	10,087,500	9,412,500	357,500	0	20,942,500	18.80%
<b><i>Total</i></b>	<b>7,437,854</b>	<b>41,265,351</b>	<b>40,581,783</b>	<b>13,699,451</b>	<b>8,402,680</b>	<b>111,387,119</b>	<b>100.00%</b>

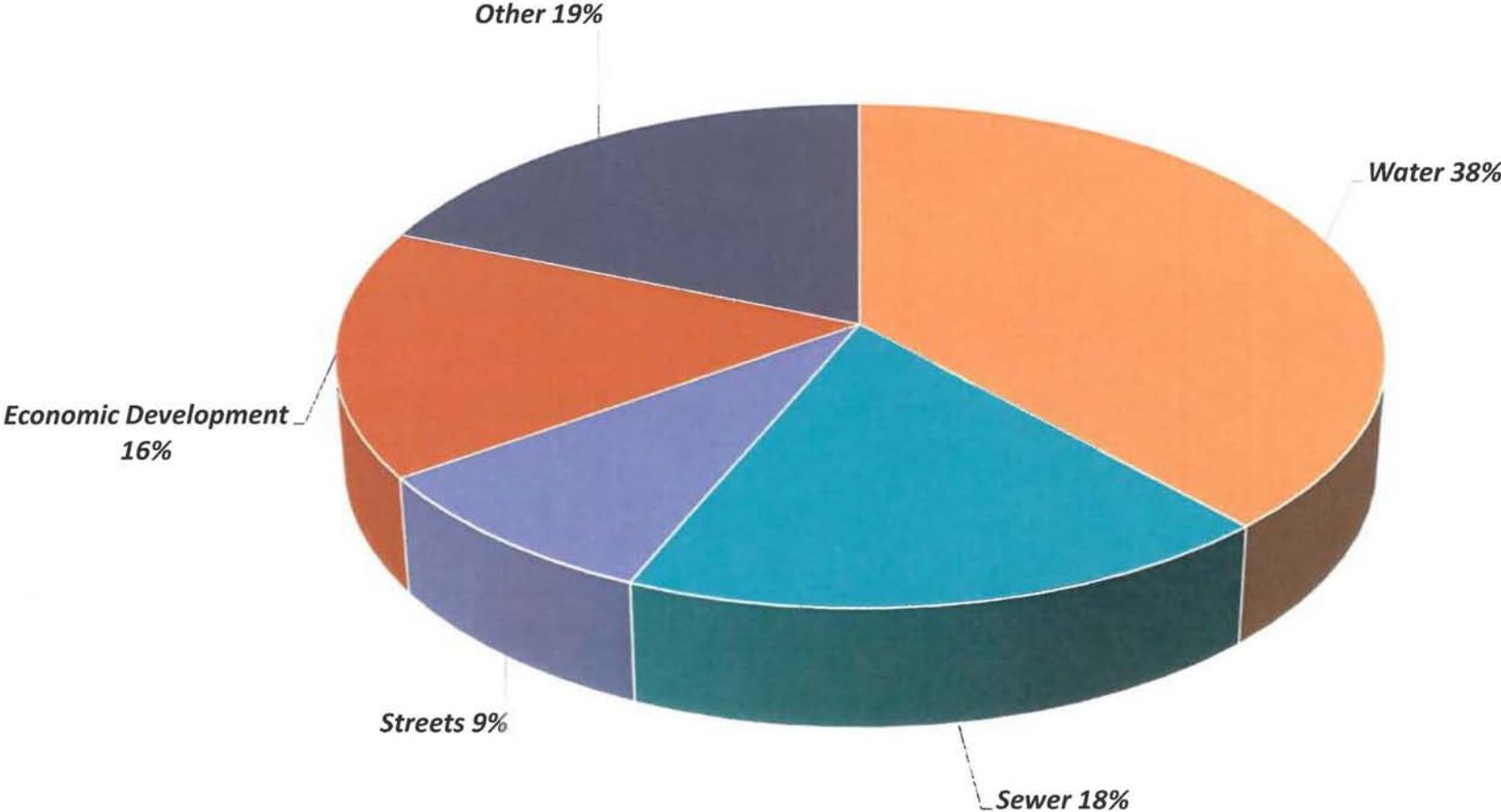
# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

## Expenditures by Category



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**Expenditures by Category**

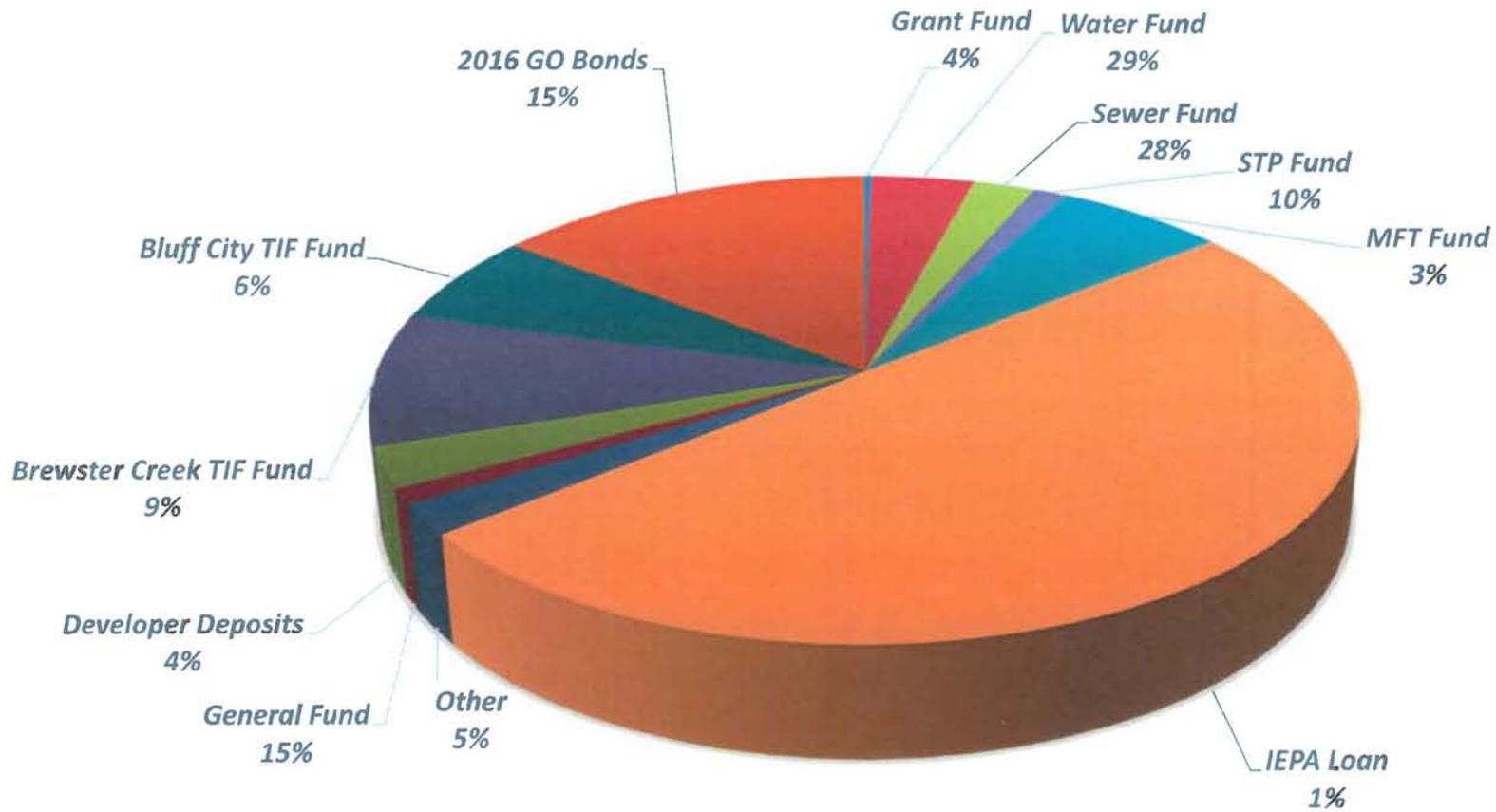


# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

## Funding Source Summary

<i>Sources of Funds</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>	<i>% of Total</i>
<i>Grant Fund</i>	0	297,000	0	0	0	297,000	0.27%
<i>Water Fund</i>	664,470	518,500	927,500	1,413,500	884,600	4,408,570	3.96%
<i>Sewer Fund</i>	579,820	134,202	881,558	505,951	508,080	2,609,611	2.34%
<i>STP Fund</i>	0	0	980,158	481,250	0	1,461,408	1.31%
<i>MFT Fund</i>	718,564	2,478,200	1,580,067	1,306,250	1,100,000	7,183,081	6.45%
<i>IEPA Loan</i>	0	24,455,000	23,340,000	5,300,000	2,350,000	55,445,000	49.78%
<i>Other</i>	685,000	490,850	500,000	517,500	160,000	2,353,350	2.11%
<i>General Fund</i>	0	55,000	1,200,000	0	0	1,255,000	1.13%
<i>Developer Deposits</i>	465,000	249,099	1,460,000	875,000	100,000	3,149,099	2.83%
<i>Brewster Creek TIF Fund</i>	1,925,000	2,000,000	2,000,000	2,000,000	2,000,000	9,925,000	8.91%
<i>Bluff City TIF Fund</i>	1,900,000	1,300,000	1,300,000	1,300,000	1,300,000	7,100,000	6.37%
<i>2016 GO Bonds</i>	500,000	9,287,500	6,412,500	0	0	16,200,000	14.54%
<b><i>Total</i></b>	<b>7,437,854</b>	<b>41,265,351</b>	<b>40,581,783</b>	<b>13,699,451</b>	<b>8,402,680</b>	<b>111,387,119</b>	<b>100.00%</b>

## Expenditures by Funding Source



# **VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

## **Capital Projects Expenditure History 2012 - 2016**

<i>Program Category</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014-15</i>	<i>FY 2015-16</i>	<i>Five Year Total</i>	<i>% of Total</i>
<i>Water</i>	0	0	189,806	278,634	459,421	927,861	2.72%
<i>Sewer</i>	26,959	799,794	1,330,013	54,863	819,446	3,031,075	8.87%
<i>Streets</i>	2,926,068	5,839,981	4,224,102	3,257,714	795,856	17,043,721	49.89%
<i>Economic Development</i>	940,362	140,700	446,900	640,400	5,659,300	7,827,662	22.91%
<i>Golf</i>	0	42,552	0	173,151		215,703	0.63%
<i>Other</i>	0	0	1,109,075	1,490,740	2,516,225	5,116,040	14.98%
<b><i>Total</i></b>	<b>3,893,389</b>	<b>6,823,027</b>	<b>7,299,896</b>	<b>5,895,502</b>	<b>10,250,248</b>	<b>34,162,062</b>	<b>100.00%</b>

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**  
**Total Project Costs - Completed Projects**

<i>Project</i>	<i>Fiscal Year Project Completed</i>					<i>Total</i>
	<i>2011/12</i>	<i>2012/13</i>	<i>2013/14</i>	<i>2014/15</i>	<i>2015-16</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>	995,431	883,793		585,000	585,000	3,049,224
<i>Devon Pond Shoreline Restoration</i>					10,000	10,000
<i>Route 25 Road Improvements</i>	2,004,253					2,004,253
<i>Main Street Improvements</i>	163,412					163,412
<i>Stearns and Prospect/Tallgrass Traffic Signals</i>	179,811					179,811
<i>Newport Blvd. Resurfacing</i>	1,058,197					1,058,197
<i>Miscellaneous MFT Road Patching</i>	594,900					594,900
<i>Gifford-West Bartlett Road Traffic Signal</i>	13,915					13,915
<i>Influent Pump Replacement</i>			1,275,011			1,275,011
<i>Belt Filter Press Replacement</i>			826,796			826,796
<i>W. Bartlett Road Corridor Streetscape</i>			609,696			609,696
<i>Amherst Storm Sewer</i>			189,715			189,715
<i>Roadway Maintenance bond Project</i>				12,048,779		12,048,779
<i>Asphalt Cart Paths</i>				63,818		63,818

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

## New Projects by Source of Funds

<i>Project</i>	<i>Page</i>	<i>STP Fund</i>	<i>MFT Fund</i>	<i>Other</i>	<i>General Fund</i>	<i>Developer Deposits</i>	<i>Sewer Fund</i>	<i>GO Bonds</i>	<i>IEPA Loan</i>	<i>Total</i>
<i>Country Place Lift Station Upgrade</i>	26						400,000			400,000
<i>Miscellaneous WWTP Upgrades</i>	28								2,350,000	2,350,000
<i>Ruzicka Field Parking Lot Improvements</i>	41		673,200							673,200
<i>Schick/Petersdorf Resurfacing</i>	43	980,158	420,067							1,400,225
<i>Schick/Struckman Bridge Rehabilitation</i>	45		260,000							260,000
<i>North Avenue Resurfacing</i>	47	481,250	206,250							687,500
<i>Police Station</i>	64			1,300,000	1,200,000	1,300,000		16,200,000		20,000,000
<b><i>Total</i></b>		<b>1,461,408</b>	<b>1,559,517</b>	<b>1,300,000</b>	<b>1,200,000</b>	<b>1,300,000</b>	<b>400,000</b>	<b>16,200,000</b>	<b>2,350,000</b>	<b>25,770,925</b>

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**2016-17 Projects by Source of Funds**

<i>Project</i>	<i>Page</i>	<i>Water Fund</i>	<i>Sewer Fund</i>	<i>MFT Fund</i>	<i>Other</i>	<i>General Fund</i>	<i>Developer Deposits</i>	<i>Brewster Creek TIF Fund</i>	<i>Bluff City TIF</i>	<i>2016 GO Bonds</i>	<i>Total</i>
<i>Water Main Replacement</i>	3	412,500									412,500
<i>Water Tower Painting</i>	5	176,970									176,970
<i>Water Modeling/Lake Street Pump Station</i>	7	75,000									75,000
<i>Facility Update/Phosphorous Removal</i>	12		171,820								171,820
<i>Sanitary Sewer System Rehabilitation</i>	14		408,000								408,000
<i>Street Garage Building Addition</i>	35						465,000				465,000
<i>FY 16/17 MFT Maintenance Program</i>	37			658,564							658,564
<i>Brewster Creek Bus. Park Improvements</i>	50							1,925,000			1,925,000
<i>Bluff City/Blue Heron Improvements</i>	52				160,000				1,900,000		2,060,000
<i>North/Prospect/Hearthwood Stormwater</i>	58				25,000						25,000
<i>Stearns Road Country Creek Culvert</i>	62			60,000							60,000
<i>Police Station</i>	64				500,000					500,000	1,000,000
<b><i>Total</i></b>		<b>664,470</b>	<b>579,820</b>	<b>718,564</b>	<b>685,000</b>	<b>0</b>	<b>465,000</b>	<b>1,925,000</b>	<b>1,900,000</b>	<b>500,000</b>	<b>7,437,854</b>

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

2017-18 Projects by Source of Funds

Project	Page	Grants	Water Fund	Sewer Fund	MFT Fund	IEPA Loans	Other	General Fund	Developer Deposits	Brewster Creek TIF Fund	Bluff City TIF	2016 GO Bonds	Total
Water Main Replacement	3		423,500										423,500
Water Tower Painting	5		0										0
Water Modeling/Lake Street Pump Station	7	297,000	95,000										392,000
Infrastructure Improvements Transition	9					19,000,000							19,000,000
Facility Update/Phosphorous Removal	12			70,202									70,202
Sanitary Sewer System Rehabilitation	14			64,000									64,000
Tertiary Filter	18					4,555,000							4,555,000
Devon Excess Flow Plant Rehabilitation	20					900,000							900,000
IDNR State Park Bike Path Links	33						30,850		99,099				129,949
17/18 MFT Maintenance Program	37				1,100,000								1,100,000
IDOT Intersection Improvements	39								150,000				150,000
Ruzicka Field Parking Lot Improvements	41				673,200								673,200
Schick/Struckma Bridge Rehabilitation	45				260,000								260,000
Brewster Creek Bus. Park Improvements	50									2,000,000			2,000,000
Bluff City/Blue Heron Improvements	52						160,000				1,300,000		1,460,000
W. Bartlett/Devon Drainage/Path	60							55,000					55,000
Stearns Road Country Creek Culvert	62				445,000								445,000
Police Station	64						300,000					9,287,500	9,587,500
<b>Total</b>		<b>297,000</b>	<b>518,500</b>	<b>134,202</b>	<b>2,478,200</b>	<b>24,455,000</b>	<b>490,850</b>	<b>55,000</b>	<b>249,099</b>	<b>2,000,000</b>	<b>1,300,000</b>	<b>9,287,500</b>	<b>41,265,351</b>

VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

2018-19 Projects by Source of Funds

Project	Page	Water Fund	Sewer Fund	STP Fund	MFT Fund	IEPA Loans	Other	General Fund	Developer Deposits	Brewster Creek TIF Fund	Bluff City TIF	2016 GO Bonds	Total
Water Main Replacement	3	423,500											423,500
Water Tower Painting	5	504,000											504,000
Infrastructure Improvements Transition	9					19,000,000							19,000,000
Facility Update/Phosphorous Removal	12		46,558										46,558
Sanitary Sewer System Rehabilitation	14		435,000										435,000
Influent Screening Improvements	16					4,190,000							4,190,000
Country Place Lift Station Upgrade	18		400,000										400,000
Aerobic Digester Rehabilitation	24					75,000							75,000
Blower Replacement	26					75,000							75,000
West Bartlett/Naperville Bike Path	31				60,000								60,000
18/19 MFT Maintenance Program	37				1,100,000								1,100,000
Schick/Petersdorf Resurfacing	43			980,158	420,067								1,400,225
Brewster Creek Bus. Park Improvements	50									2,000,000			2,000,000
Bluff City/Blue Heron Improvements	52								160,000		1,300,000		1,460,000
Police Station	64						500,000	1,200,000	1,300,000			6,412,500	9,412,500
<b>Total</b>		<b>927,500</b>	<b>881,558</b>	<b>980,158</b>	<b>1,580,067</b>	<b>23,340,000</b>	<b>500,000</b>	<b>1,200,000</b>	<b>1,460,000</b>	<b>2,000,000</b>	<b>1,300,000</b>	<b>6,412,500</b>	<b>40,581,783</b>

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**2019-20 Projects by Source of Funds**

<i>Project</i>	<i>Page</i>	<i>Water Fund</i>	<i>Sewer Fund</i>	<i>STP Fund</i>	<i>MFT Fund</i>	<i>IEPA Loans</i>	<i>Other</i>	<i>General Fund</i>	<i>Developer Deposits</i>	<i>Brewster Creek TIF Fund</i>	<i>Bluff City TIF</i>	<i>Total</i>
<i>Water Main Replacement</i>	3	594,000										594,000
<i>Water Tower Painting</i>	5	819,500										819,500
<i>Facility Update/Phosphorous Removal</i>	12		70,951									70,951
<i>Sanitary Sewer System Rehabilitation</i>	14		435,000									435,000
<i>Aerobic Digester Rehabilitation</i>	24					3,950,000						3,950,000
<i>Blower Replacement</i>	26					1,350,000						1,350,000
<i>West Bartlett/Naperville Bike Path</i>	31								875,000			875,000
<i>19/20 MFT Maintenance Program</i>	37				1,100,000							1,100,000
<i>North Avenue Resurfacing</i>	47			481,250	206,250							687,500
<i>Brewster Creek Bus. Park Improvements</i>	50									2,000,000		2,000,000
<i>Bluff City/Blue Heron Improvements</i>	52						160,000				1,300,000	1,460,000
<i>Salt Storage Building</i>	56						357,500					357,500
<b>Total</b>		<b>1,413,500</b>	<b>505,951</b>	<b>481,250</b>	<b>1,306,250</b>	<b>5,300,000</b>	<b>517,500</b>	<b>0</b>	<b>875,000</b>	<b>2,000,000</b>	<b>1,300,000</b>	<b>13,699,451</b>

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**2020-21 Projects by Source of Funds**

<i>Project</i>	<i>Page</i>	<i>Grants</i>	<i>Water Fund</i>	<i>Sewer Fund</i>	<i>MFT Fund</i>	<i>IEPA Loans</i>	<i>Other</i>	<i>Developer Deposits</i>	<i>Brewster Creek TIF Fund</i>	<i>Bluff City TIF</i>	<i>Total</i>
<i>Water Main Replacement</i>	3		495,000								495,000
<i>Water Tower Painting</i>	5		389,600								389,600
<i>Facility Update/Phosphorous Removal</i>	12			73,080							73,080
<i>Sanitary Sewer System Rehabilitation</i>	14			435,000							435,000
<i>Miscellaneous WWTP Upgrades</i>	28					2,350,000					2,350,000
<i>19/20 MFT Maintenance Program</i>	37				1,100,000						1,100,000
<i>IDOT Intersection Improvements</i>	39							100,000			100,000
<i>Brewster Creek Bus. Park Improvements</i>	50								2,000,000		2,000,000
<i>Bluff City/Blue Heron Improvements</i>	52						160,000			1,300,000	1,460,000
<b><i>Total</i></b>		<b>0</b>	<b>884,600</b>	<b>508,080</b>	<b>1,100,000</b>	<b>2,350,000</b>	<b>160,000</b>	<b>100,000</b>	<b>2,000,000</b>	<b>1,300,000</b>	<b>8,402,680</b>



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2017-2021**

*Water Projects*

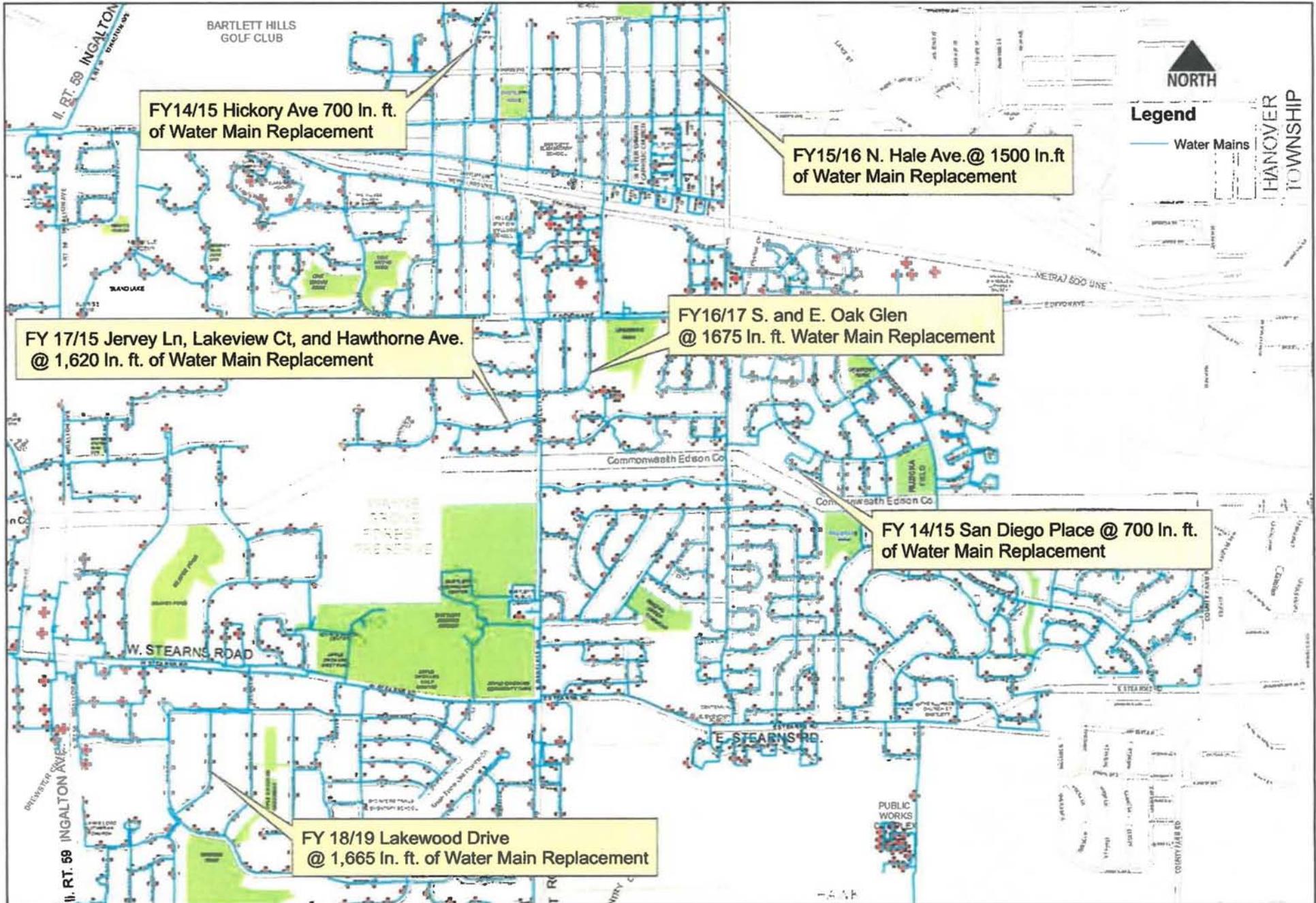
# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

## Water Projects by Year

<i>Project</i>	<i>Page</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Water Main Replacement</i>	3	\$ 412,500	\$ 423,500	\$ 423,500	\$ 594,000	\$ 495,000	\$ 2,348,500
<i>Water Tower Painting</i>	5	176,970	0	504,000	819,500	389,600	1,890,070
<i>Water Modeling/Lake Street Pump Upgrade</i>	7	75,000	392,000				467,000
<i>Infrastructure Improvements with Transition</i>	9		19,000,000	19,000,000			38,000,000
<b><i>Total</i></b>		<b>\$ 664,470</b>	<b>\$ 19,815,500</b>	<b>\$ 19,927,500</b>	<b>\$ 1,413,500</b>	<b>\$ 884,600</b>	<b>\$ 42,705,570</b>

<i>Sources of Funds</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Water Fund</i>	\$ 664,470	\$ 518,500	\$ 927,500	\$ 1,413,500	\$ 884,600	\$ 4,408,570
<i>IEPA Low Interest Rate Loans</i>		19,000,000	19,000,000			38,000,000
<i>USEPA Funding/Grants</i>		297,000				297,000
<b><i>Total</i></b>	<b>\$ 664,470</b>	<b>\$ 19,815,500</b>	<b>\$ 19,927,500</b>	<b>\$ 1,413,500</b>	<b>\$ 884,600</b>	<b>\$ 42,705,570</b>

# Water Main Replacement



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

### WATER MAIN REPLACEMENT

**Description** This multi-year project consists of replacing water mains that we are experiencing frequent main breaks or have capacity concerns.  
 FY15/16 - Approx. 1,500 linear feet of water main on N. Hale Ave.  
 FY 16/17 - Approx. 1,675 linear feet of water main on S. and E. Oak Glen  
 FY 17/18- Approx. 1,620 linear feet of water main on Jervey Ln, Lakeview Ct, and Hawthorne Ave  
 FY 18/19- Approx. 1,665 linear feet of water main on Lakewood Drive  
 FY 19/20- Approx. 2,984 linear feet of water main on Martingale, Forest Ct., and Webster  
 FY 20/21- Approx. 2,212 linear feet of water main on Valewood and a segment of Bryn Mawr

**Comments** These areas have a history of frequent water main breaks which have resulted in disruption of service and property damage.

**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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction	\$ 601,397	\$ 375,000	\$ 385,000	\$ 385,000	\$ 540,000	\$ 450,000	\$ 2,736,397
Contingencies		37,500	38,500	38,500	54,000	45,000	213,500
<b>Total</b>	<b>601,397</b>	<b>\$ 412,500</b>	<b>\$ 423,500</b>	<b>\$ 423,500</b>	<b>\$ 594,000</b>	<b>\$ 495,000</b>	<b>\$ 2,949,897</b>
<i>Source of Funds</i>							
Water Fund	\$ 601,397	\$ 412,500	\$ 423,500	\$ 423,500	\$ 594,000	\$ 495,000	\$ 2,949,897
<b>Total</b>	<b>\$ 601,397</b>	<b>\$ 412,500</b>	<b>\$ 423,500</b>	<b>\$ 423,500</b>	<b>\$ 594,000</b>	<b>\$ 495,000</b>	<b>\$ 2,949,897</b>

# Water Tank Painting



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**WATER TOWER PAINTING**

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

- FY16/17- Kent Tower
- FY18/19 - Villa Olivia Tower
- FY19/20- Oneida Tower
- FY20/21- Main Street Tank
- 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 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Sandblasting/Painting		\$ 149,070		\$ 440,000	\$ 725,000	\$ 336,000	\$ 1,650,070
Contingencies		14,900		44,000	72,500	33,600	165,000
Engineering	\$ 6,285	13,000		20,000	22,000	20,000	81,285
<b>Total</b>	\$ 6,285	\$ 176,970		\$ 504,000	819,500	389,600	\$ 1,896,355
<b>Source of Funds</b>							
Water Fund	\$ 6,285	\$ 176,970		\$ 504,000	\$ 819,500	\$ 389,600	\$ 1,896,355
<b>Total</b>	\$ 6,285	\$ 176,970		\$ 504,000	\$ 389,600	\$ 451,800	\$ 1,896,355



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

### WATER SYSTEM MODELING AND LAKE STREET PUMP STATION UPGRADE

<b>Description</b>	When the Village transitions to 100% purchased water; several infrastructure additions will be needed such as a second pumping station, new elevated tower and ground storage tank, and new transmission mains. A thorough water modeling study will be needed to determine the best locations for these improvements.
	The first capital improvement upon switching to 100% purchased will be to upgrade our existing Elgin pumping station or building a new JAWA pump station.
<b>Comments</b>	This study will be necessary whether we purchase from Elgin, JAWA, or a combination of both. If we elect to purchase from JAWA only, the Elgin pumping station project will not be needed but a JAWA pump station would be needed.
<b>Operating Budget Impact</b>	This project will not have a significant impact on the operating budget.

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Implementation of modeling study		\$ 75,000	\$ 75,000				\$ 150,000
Station upgrade construction			270,000				270,000
Contingencies			27,000				27,000
Engineering			20,000				20,000
<b>Total</b>		\$ 75,000	\$ 392,000				\$ 467,000
<b>Source of Funds</b>							
USEPA Funding Grant			\$ 297,000				\$ 297,000
Water Fund		\$ 75,000	95,000				170,000
<b>Total</b>		\$ 75,000	\$ 392,000				\$ 467,000



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**INFRASTRUCTURE IMPROVEMENTS ASSOCIATED WITH WATER TRANSITION**

<b>Description</b>	<p>This multi-year project involves water infrastructure improvements that will be needed as we transition to 100% purchased water in the near future.</p> <p>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 2nd pump station                  Bartlett system water main improvements</p>
<b>Comments</b>	<p>These improvements may change or be shifted around once we know our exact source of water. The Elgin agreement expires in May 2019.</p>
<b>Operating Budget Impact</b>	<p>These improvements will not have an impact on the operating budget.</p>

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
New transmission water mains			\$ 8,500,000	\$ 8,500,000			\$ 17,000,000
1.0 million gallon elevated tank, land			1,500,000	1,500,000			3,000,000
Pump station, 3MG storage tank, main			4,000,000	4,000,000			8,000,000
Bartlett water main improvements			5,000,000	5,000,000			10,000,000
<b>Total</b>			\$ 19,000,000	\$ 19,000,000			\$ 38,000,000
<b>Source of Funds</b>							
IEPA low interest loans			\$ 19,000,000	\$ 19,000,000			\$ 38,000,000
<b>Total</b>			\$ 19,000,000	\$ 19,000,000			\$ 38,000,000



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2017-2021**

*Sewer Projects*

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

## Sewer Projects by Year

<i>Project</i>	<i>Page</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Facility Plan Update/Phosphorous Removal</i>	12	\$ 171,820	\$ 70,202	\$ 46,558	\$ 70,951	\$ 73,080	\$ 432,611
<i>Sanitary Sewer System Rehabilitation</i>	14	408,000	64,000	435,000	435,000	435,000	1,777,000
<i>Influent Screening Improvements</i>	16			4,190,000			4,190,000
<i>Tertiary Filter</i>	18		4,555,000				4,555,000
<i>Devon Excess Flow Plant Rehabilitation</i>	20		900,000				900,000
<i>Aerobic Digester Rehabilitation</i>	22			75,000	3,950,000		4,025,000
<i>Blower Replacement</i>	24			75,000	1,350,000		1,425,000
<i>Country Place Lift Station Upgrade</i>	26			400,000			400,000
<i>Miscellaneous WWTP Upgrades</i>	28					2,350,000	2,350,000
<b><i>Total</i></b>		<b>\$ 579,820</b>	<b>\$ 5,589,202</b>	<b>\$ 5,221,558</b>	<b>\$ 5,805,951</b>	<b>\$ 2,858,080</b>	<b>\$ 20,054,611</b>

<i>Sources of Funds</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Sewer Fund</i>	\$ 579,820	\$ 134,202	\$ 881,558	\$ 505,951	\$ 508,080	\$ 2,609,611
<i>IEPA Low Interest Rate Loan</i>		5,455,000	4,340,000	5,300,000	2,350,000	17,445,000
<b><i>Total</i></b>	<b>\$ 579,820</b>	<b>\$ 5,589,202</b>	<b>\$ 5,221,558</b>	<b>\$ 5,805,951</b>	<b>\$ 2,858,080</b>	<b>\$ 20,054,611</b>

# *Facility Plan Update & Phosphorous Removal*



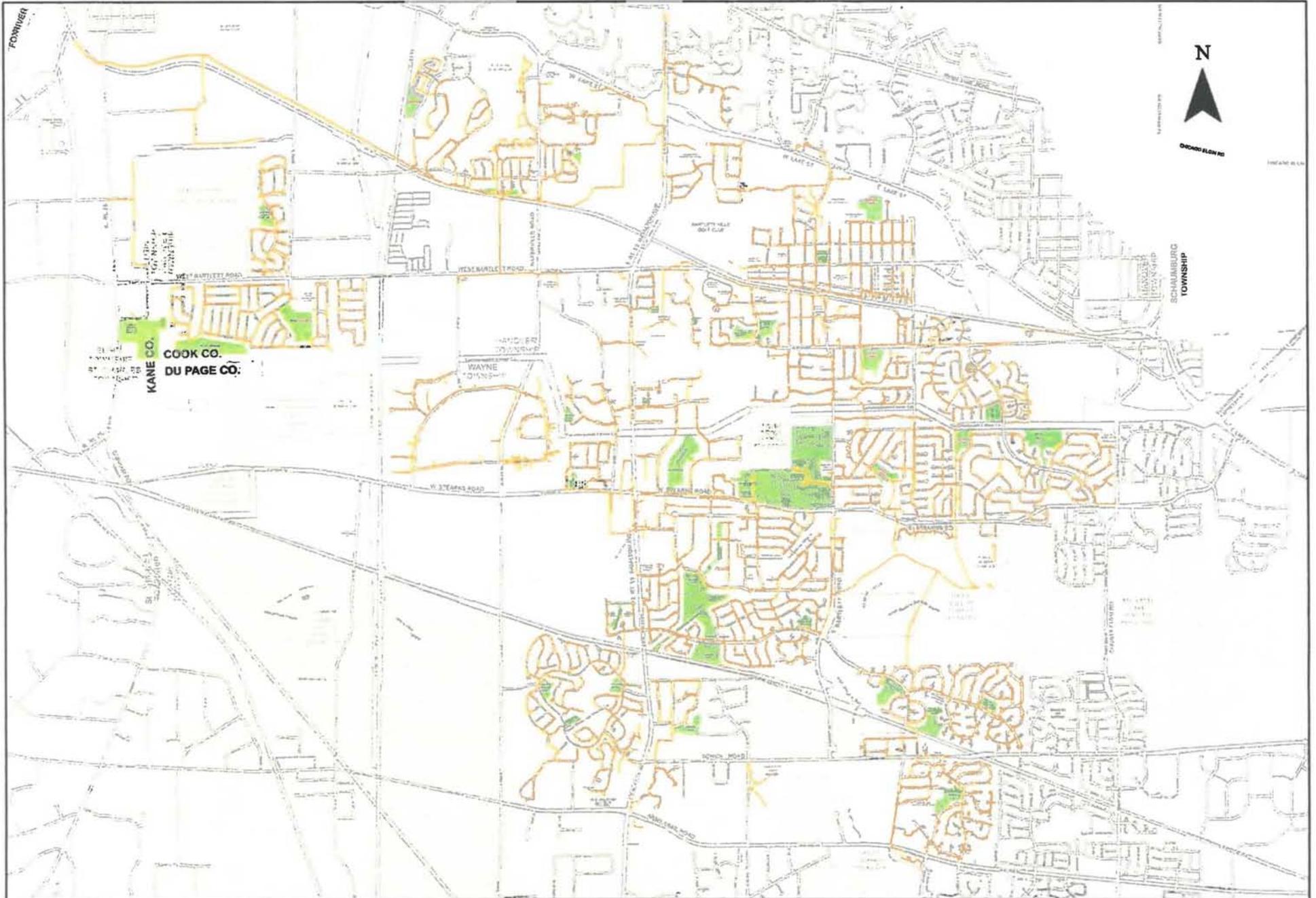
## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

### FACILITY PLAN UPDATE & PHOSPHOROUS REMOVAL

<b>Description</b>	This project consists of updating the wastewater treatment plant's facility plan and reviewing the Phosphorous Removal System to be utilized at the Stearns Road Treatment Plant. The IEPA phosphorous limits for wastewater plant effluent have been added to our NPDES permit.
<b>Comments</b>	The Village approved the Special Conditions that the DuPage River Salt Creek Workgroup negotiated with the IEPA. This allows us 8-10 years to implement phosphorus removal. We are proceeding with the Facility Plan update. Engineers will complete the facility plan update to determine which treatment method, Biological vs Chemical, is best and look at upgrades to the treatment facility.
<b>Future Operating Budget Impact</b>	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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction							
Engineering	\$ 93,152	\$ 91,848	\$ 25,000				\$ 210,000
Contingencies		25,000					25,000
DRSCW Dues	30,189	31,095	45,202	\$ 46,558	\$ 70,951	\$ 73,080	297,075
<b>Total</b>	123,341	\$ 147,943	\$ 70,202	\$ 46,558	\$ 70,951	\$ 73,080	\$ 532,075
<b>Source of Funds</b>							
Sewer Fund	\$ 123,341	\$ 147,943	\$ 70,202	\$ 46,558	\$ 70,951	\$ 73,080	\$ 532,075
<b>Total</b>	\$ 123,341	\$ 147,943	\$ 70,202	\$ 46,558	\$ 70,951	\$ 73,080	\$ 532,075

# Sanitary Sewer System Evaluation



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

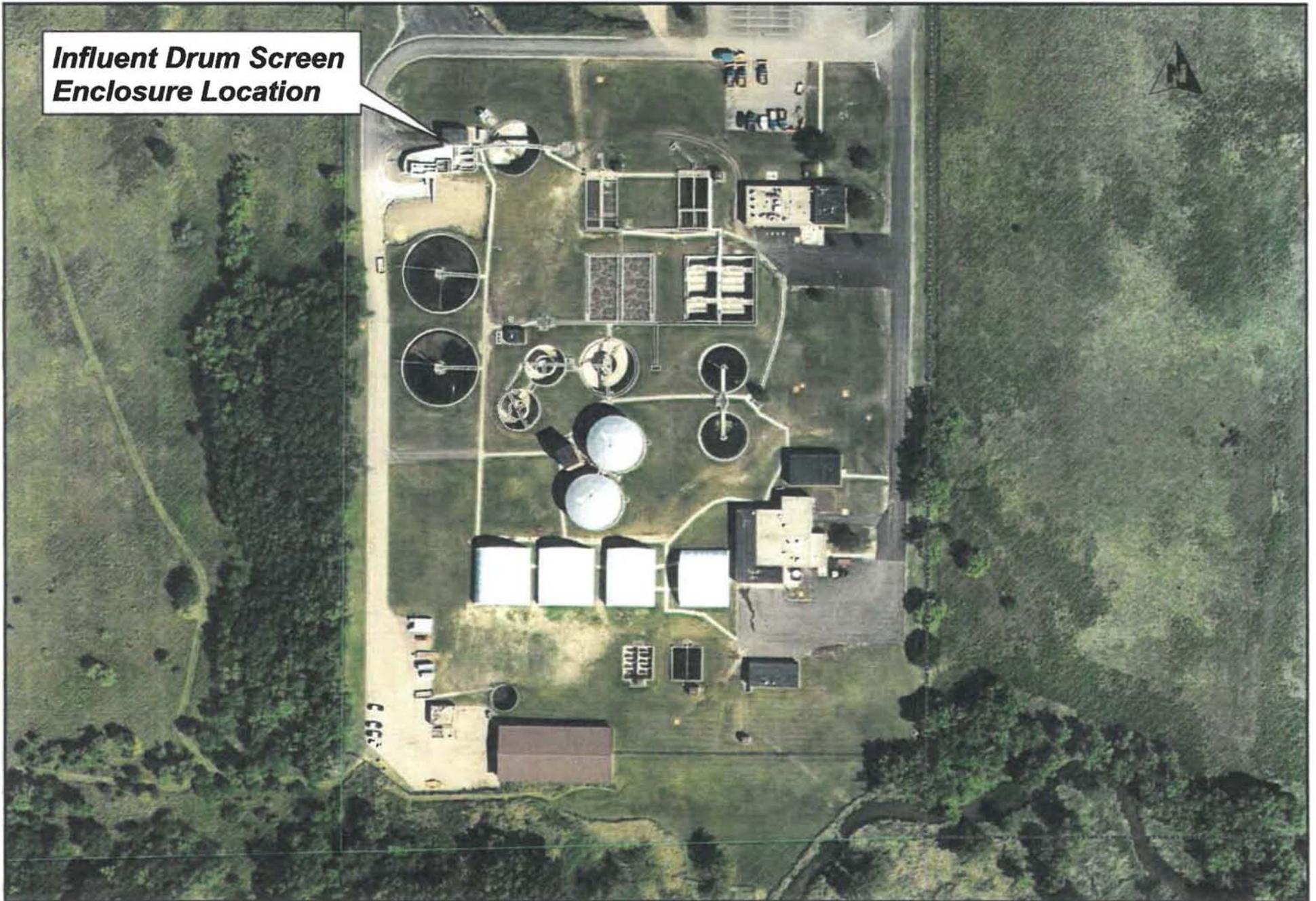
**SANITARY SEWER SYSTEM REHABILITATION**

<b>Description</b>	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.
<b>Comments</b>	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 begin smoke testing areas to determine sources of excess inflow.
<b>Future Operating Budget Impact</b>	No increase to the collection system maintenance costs.

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Construction	\$ 447,745	\$ 408,000	\$ 30,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,085,745
Engineering	61,970		30,000	10,000	10,000	10,000	121,970
Contingencies			4,000	25,000	25,000	25,000	79,000
<b>Total</b>	\$ 509,715	\$ 408,000	\$ 64,000	\$ 435,000	\$ 435,000	\$ 435,000	\$ 2,286,715
<b>Source of Funds</b>							
Sewer Fund	\$ 509,715	\$ 408,000	\$ 64,000	\$ 435,000	\$ 435,000	\$ 435,000	\$ 2,286,715
<b>Total</b>	\$ 509,715	\$ 408,000	\$ 64,000	\$ 435,000	\$ 435,000	\$ 435,000	\$ 2,286,715

# *Influent Drum Screen Enclosure*

***Influent Drum Screen  
Enclosure Location***



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**INFLUENT SCREENING IMPROVEMENTS**

**Description** This projects involves deep screening at the headworks and grit removal of the Wastewater Plant. The deep screen not only removes heavy solids but protects the New Influent pumps as well. The grit removal is an essential process needed, for it has an effect on all equipment. From the Facility Update Plan, it was determined by Strand Engineering, that both improvements are critical equipment needed at our Wastewater Facility.

**Comments**

**Future Operating Budget Impact** There is IEPA Loans available for this project.

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction				\$ 3,840,000			\$ 3,840,000
Engineering				150,000			150,000
Contingencies				200,000			200,000
<b>Total</b>				\$ 4,190,000			\$ 4,190,000
<b>Source of Funds</b>							
IEPA Low Interest Loan				\$ 4,190,000			\$ 4,190,000
<b>Total</b>				\$ 4,190,000			\$ 4,190,000

# *New Tertiary Filter*



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**TERTIARY FILTER**

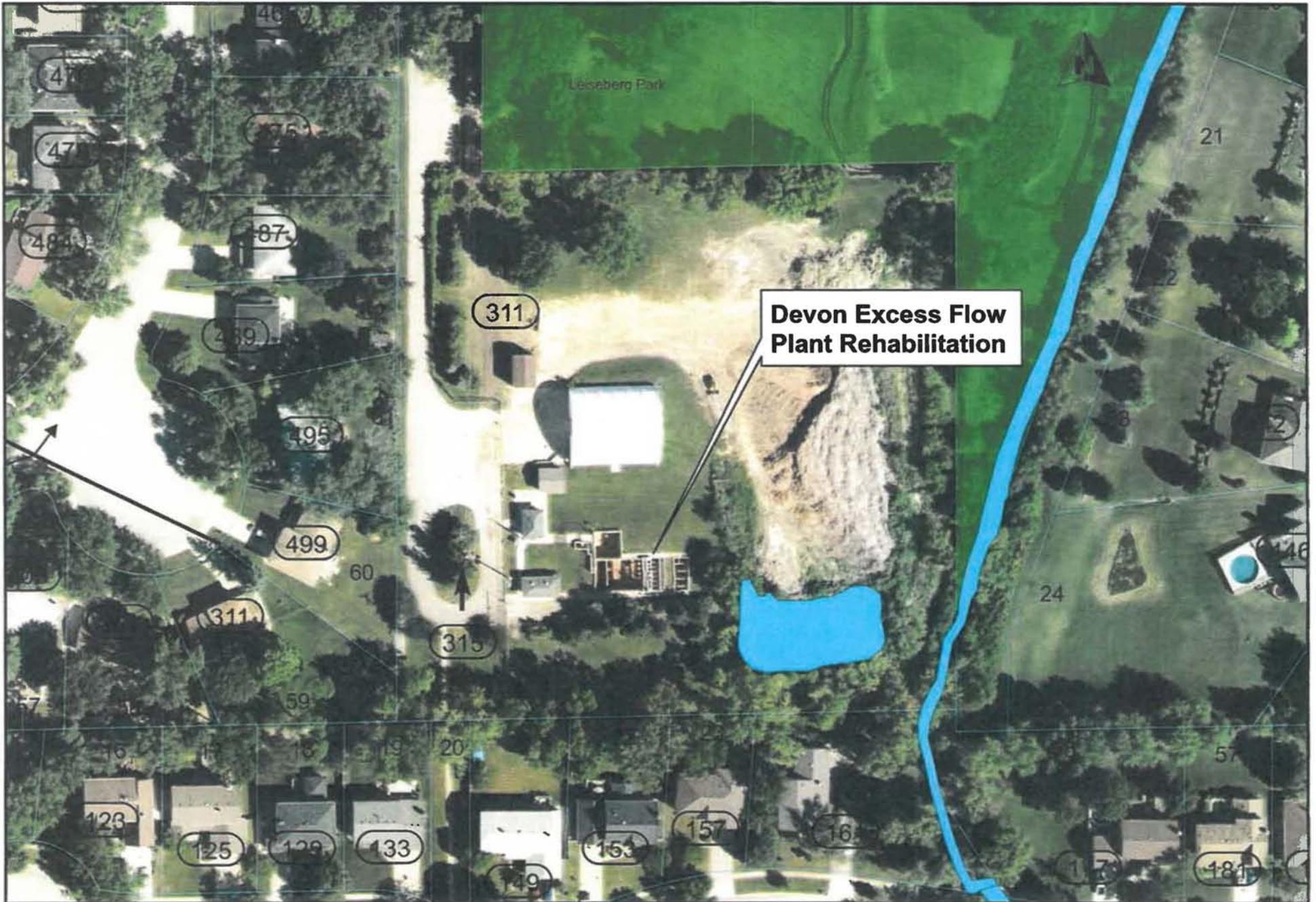
**Description**            This project consists of replacing the current sand filters at the WWTP plant. The filters are used to remove solids from the effluent prior to discharge to the receiving streams. This is critical on meeting our NPDES permit regulations.

**Comments**                We have applied for IEPA low interest loan.

**Future Operating Budget Impact**    No significant increase to operating budget.

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction			\$ 3,930,000				\$ 3,930,000
Engineering			300,000				300,000
Contingencies			325,000				325,000
<b>Total</b>			\$ 4,555,000				\$ 4,555,000
<b>Source of Funds</b>							
IEPA Low Interest Loan			\$ 4,555,000				\$ 4,555,000
<b>Total</b>			\$ 4,555,000				\$ 4,555,000

# *Devon Excess Flow Plant Rehabilitation*



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**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 on October 1, 2015. These alternatives include working with MWRD to accept all flow in Cook County, building storage tanks and upgrading pumping which would allow all the Cook County flow to travel to the Stearns Wastewater plant.

**Comments**             If MWRD decides to assist us, this project would not be necessary. USEPA has enforced stringent NPDES regulations, to enforce municipalities to remove their Wet Weather Facilities. We have asked the IEPA for 3 years to evaluate, design, and construct the most cost effective way to bring the Devon Facility into compliance. We are awaiting their review.

**Future Operating Budget Impact**    There is IEPA funding available for this project

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction			\$ 700,000				\$ 700,000
Engineering			100,000				100,000
Contingencies			100,000				100,000
<b>Total</b>			\$ 900,000				\$ 900,000
<b>Source of Funds</b>							
IEPA Low Interest Loan			\$ 900,000				\$ 900,000
<b>Total</b>			\$ 900,000				\$ 900,000

# ***Aerobic Digester Rehabilitation***



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**AEROBIC DIGESTER REHABILITATION**

**Description** This project consists of replacing the existing fabric covers with new flat aluminum covers, concrete rehabilitation, and pump & header replacement. The covers are over 10 years old and continue to be a maintenance problem. The covers also do not hold the temperature during the winter which affects the performance of the treatment process. The tanks and header are over 30 years old and in need of repair/replacement.

**Comments** The flat aluminum covers will make maintenance safer and hold heat better during the winter. The pump & header replacement will enhance the performance of the aerobic digesters.

**Future Operating Budget Impact** No impact to operating budget.

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction					\$ 3,500,000		\$ 3,500,000
Engineering				\$ 50,000	150,000		200,000
Contingencies				25,000	300,000		325,000
<b>Total</b>				\$ 75,000	\$ 3,950,000		\$ 4,025,000
<b>Source of Funds</b>							
IEPA Low Interest Loan				\$ 75,000	\$ 3,950,000		\$ 4,025,000
<b>Total</b>				\$ 75,000	\$ 3,950,000		\$ 4,025,000

# *Blower Replacement*



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**BLOWER REPLACEMENT**

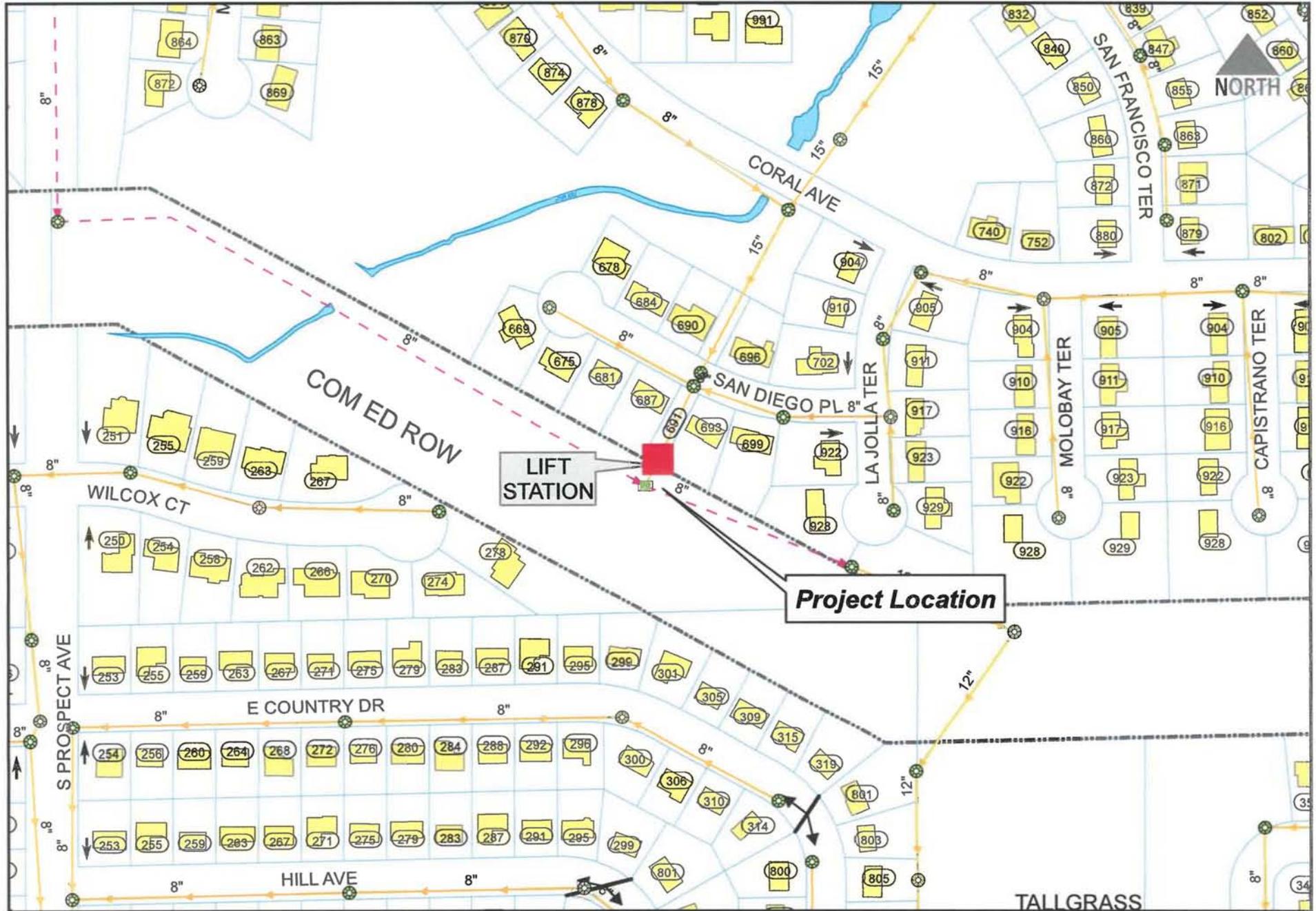
**Description**            This project consists of replacing the existing blowers with new energy efficient turbo blowers. The blowers are over 40 years old and continue to be a maintenance problem.

**Comments**                There are grants for energy efficient projects such as this that we will apply for.

**Future Operating Budget Impact**    The energy efficient turbo blowers will reduce the electric costs by ~20%.

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction				\$ 1,000,000		\$ 1,000,000	
Engineering				\$ 50,000	50,000	100,000	
Contingencies				25,000	300,000	325,000	
<b>Total</b>				\$ 75,000	\$ 1,350,000	\$ 1,425,000	
<b>Source of Funds</b>							
IEPA Low Interest Loan				\$ 75,000	\$ 1,350,000	\$ 1,425,000	
<b>Total</b>				\$ 75,000	\$ 1,350,000	\$ 1,425,000	

# Country Place Lift Station Upgrade



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**COUNTRY PLACE LIFT STATION UPGRADE (NEW PROJECT)**

<b>Description</b>	This project consists of improving the condition and safety of the Country Place lift station. This project will consist of replacing the dry pumps with submersible pumps avoiding employee access of 23 feet below ground. The project will also include a generator which will provide power to the pumps, preventing any backups due to power outages. This will include a building for the generator enclosure.
<b>Comments</b>	This project will allow increased sewage flow to travel to the Stearns Wastewater Facility, from the Northern part of Dupage County.
<b>Future Operating Budget Impact</b>	This project may decrease the collection system maintenance costs.

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Construction				\$ 350,000			\$ 350,000
Engineering				40,000			40,000
Contingencies				10,000			10,000
<b>Total</b>				\$ 400,000			\$ 400,000
<b>Source of Funds</b>							
Sewer Fund				\$ 400,000			\$ 400,000
<b>Total</b>				\$ 400,000			\$ 400,000

# Miscellaneous WWTP Upgrades



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

### MISCELLANEOUS WWTP UPGRADES (NEW PROJECT)

<b>Description</b>	This project consists of replacing the existing flow metering, site electrical & lighting, adding a non-potable water system, and a garage. The facilities are over 40 years old and continue to be a maintenance problem.
<b>Comments</b>	We continue to experience issues with our metering and electric system. We will replace the existing lighting with LED lights. We will use the WWTP plant effluent for the non-potable water system which will minimize our use of Village potable water.
<b>Future Operating Budget Impact</b>	Operating costs will be reduced with the use of new LED lighting and the non-potable water system.

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction						\$ 2,000,000	\$ 2,000,000
Engineering						150,000	150,000
Contingencies						200,000	200,000
<b>Total</b>						\$ 2,350,000	\$ 2,350,000
<i>Source of Funds</i>							
IEPA Low Interest Loan						\$ 2,350,000	\$ 2,350,000
<b>Total</b>						\$ 2,350,000	\$ 2,350,000



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2017-2021**

*Street Projects*

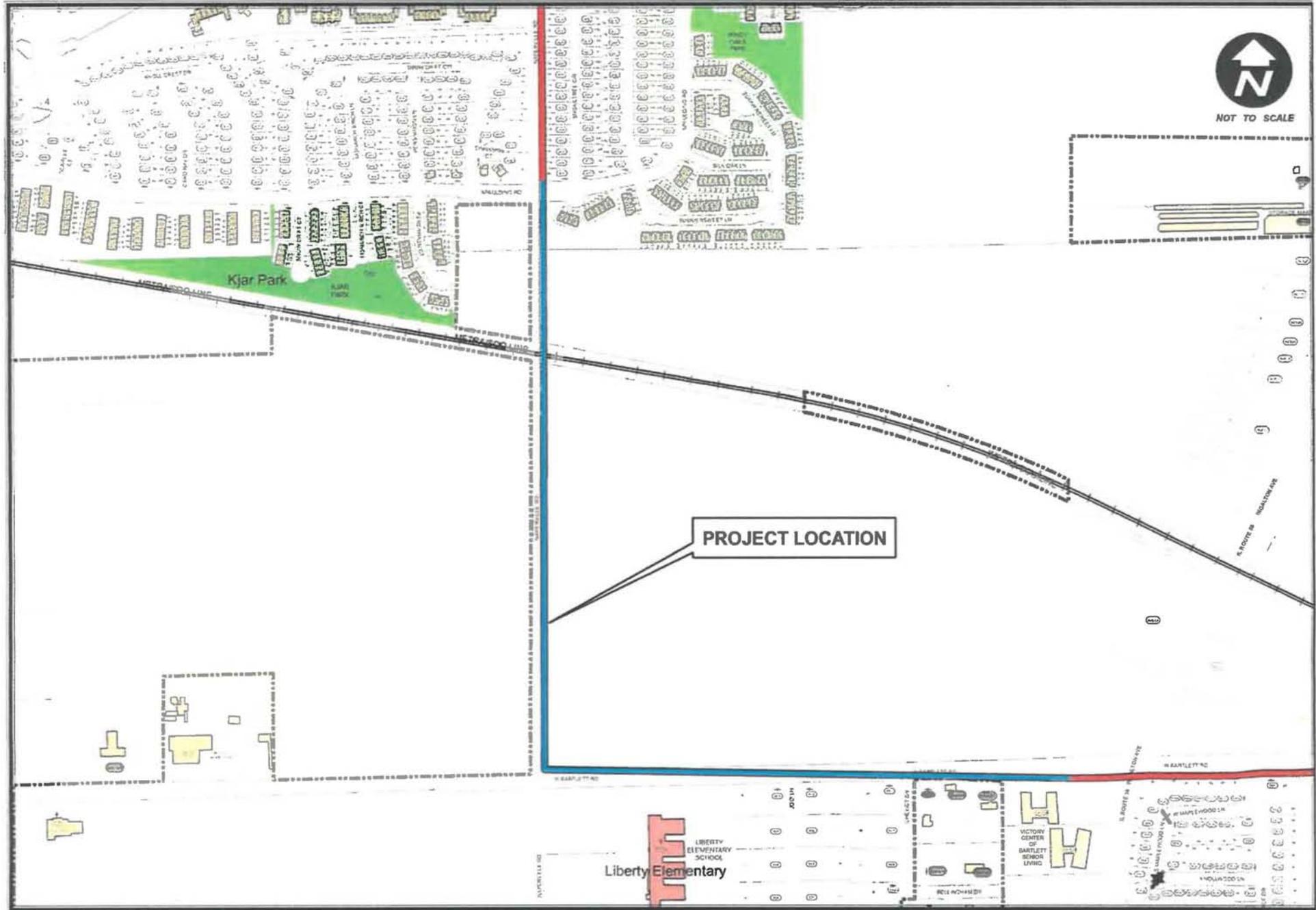
## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

### Street Projects by Year

<i>Project</i>	<i>Page</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>West Bartlett/Naperville Road Bike Path</i>	31			\$ 60,000	\$ 875,000		935,000
<i>IDNR State Park Bike Path Links</i>	33		\$ 129,949				129,949
<i>Street Garage Building Addition</i>	35	\$ 465,000					465,000
<i>16/17 through 20/21 MFT Maintenance Program</i>	37	658,564	1,100,000	1,100,000	1,100,000	\$ 1,100,000	5,058,564
<i>IDOT Intersection Improvements</i>	39		150,000			100,000	250,000
<i>Ruzicka Field Parking Lot Improvements</i>	41		673,200				673,200
<i>Schick and Petersdorf Road Resurfacing</i>	43			1,400,225			1,400,225
<i>Schick and Struckman Bridge Rehabilitation</i>	45		260,000				260,000
<i>North Avenue Resurfacing</i>	47				687,500		687,500
<b>Total</b>		<b>\$ 1,123,564</b>	<b>\$ 2,313,149</b>	<b>\$ 2,560,225</b>	<b>\$ 2,662,500</b>	<b>\$ 1,200,000</b>	<b>\$ 9,859,438</b>

<i>Sources of Funds</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>MFT Fund</i>	\$ 658,564	\$ 1,360,000	\$ 1,520,067	\$ 1,306,250	\$ 1,100,000	\$ 5,944,881
<i>STP Fund</i>			980,158	481,250		1,461,408
<i>Developer Deposits Fund</i>	465,000	922,299	60,000	875,000	100,000	2,422,299
<i>IDNR Bike Path Program</i>		30,850				30,850
<b>Total</b>	<b>\$ 1,123,564</b>	<b>\$ 2,313,149</b>	<b>\$ 2,560,225</b>	<b>\$ 2,662,500</b>	<b>\$ 1,200,000</b>	<b>\$ 9,859,438</b>

# West Bartlett & Naperville Road Bike Path



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**WEST BARTLETT & NAPERVILLE ROAD BIKE PATH**

**Description**      This project consists of installing a 10 foot wide bike path within the existing West Bartlett Road and Naperville Road rights-of-way from the intersection of West Bartlett Road/Park Place Drive, west to Naperville Road and north along Naperville Road to the southern edge of Amber Grove subdivision. Metra to install path across tracks with gates.

**Comments**            This section of path will be built as adjacent properties are developed.

**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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction	\$ 800,105				\$ 500,000		\$ 1,300,105
Engineering	368,698			\$ 50,000	25,000		443,698
Contingencies				10,000	50,000		60,000
ROW Acquisition	15,833						15,833
Bike Path Crossing (METRA)	1,500				300,000		301,500
<b>Total</b>	<b>\$ 1,186,136</b>			<b>\$ 60,000</b>	<b>\$ 875,000</b>		<b>\$ 2,121,136</b>
<b>Source of Funds</b>							
Capital Projects Fund	\$ 968,920						\$ 968,920
Bond Issue	130,976						130,976
MFT (Bike Path) (Cook Co.)	86,240						86,240
Developer Deposits				\$ 60,000	\$ 875,000		935,000
<b>Total</b>	<b>\$ 1,186,136</b>			<b>\$ 60,000</b>	<b>\$ 875,000</b>		<b>\$ 2,121,136</b>



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**IDNR STATE PARK BIKE PATH LINKS**

**Description** This project consists of installing two 10-foot wide bike path links connecting the existing bike/ped path system in the IDNR State Park with the Glenn A. Koehler Fields and the Lakewood Mills subdivision. These paths would provide integral connections between the State Park property and two highly used paths in the Village. These path links would be similar to the existing bike/ped path link from the State Park into the Westridge subdivision. This project is waiting for state funds to be released.

**Comments** These two bike/ped path connections have been discussed with IDNR personnel and are desirable links from their perspective. There has also been support for these connections from the residents in the area. There is also the opportunity to apply for funding in one of two bike path programs, the IDNR Bike Path program or the Federal RTP program. Bike Path Project will not be done without grant assistance. The grants have been delayed for review by the state. This project is on hold with no scheduled start

**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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction			\$ 117,149				\$ 117,149
Engineering	\$ 20,051						20,051
Contingencies			12,800				12,800
<b>Total</b>	\$ 20,051		\$ 129,949				\$ 150,000
<b>Source of Funds</b>							
Developer Deposits	\$ 20,051		\$ 99,099				\$ 119,150
IDNR Bike Path Program (50% of \$61,700)			30,850				30,850
<b>Total</b>	\$ 20,051		\$ 129,949				\$ 150,000

# Street Garage Building Addition



Hawk Hollow Forest Preserve

Hawk Hollow Forest Preserve

**Project Location**

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**STREET GARAGE BUILDING ADDITION**

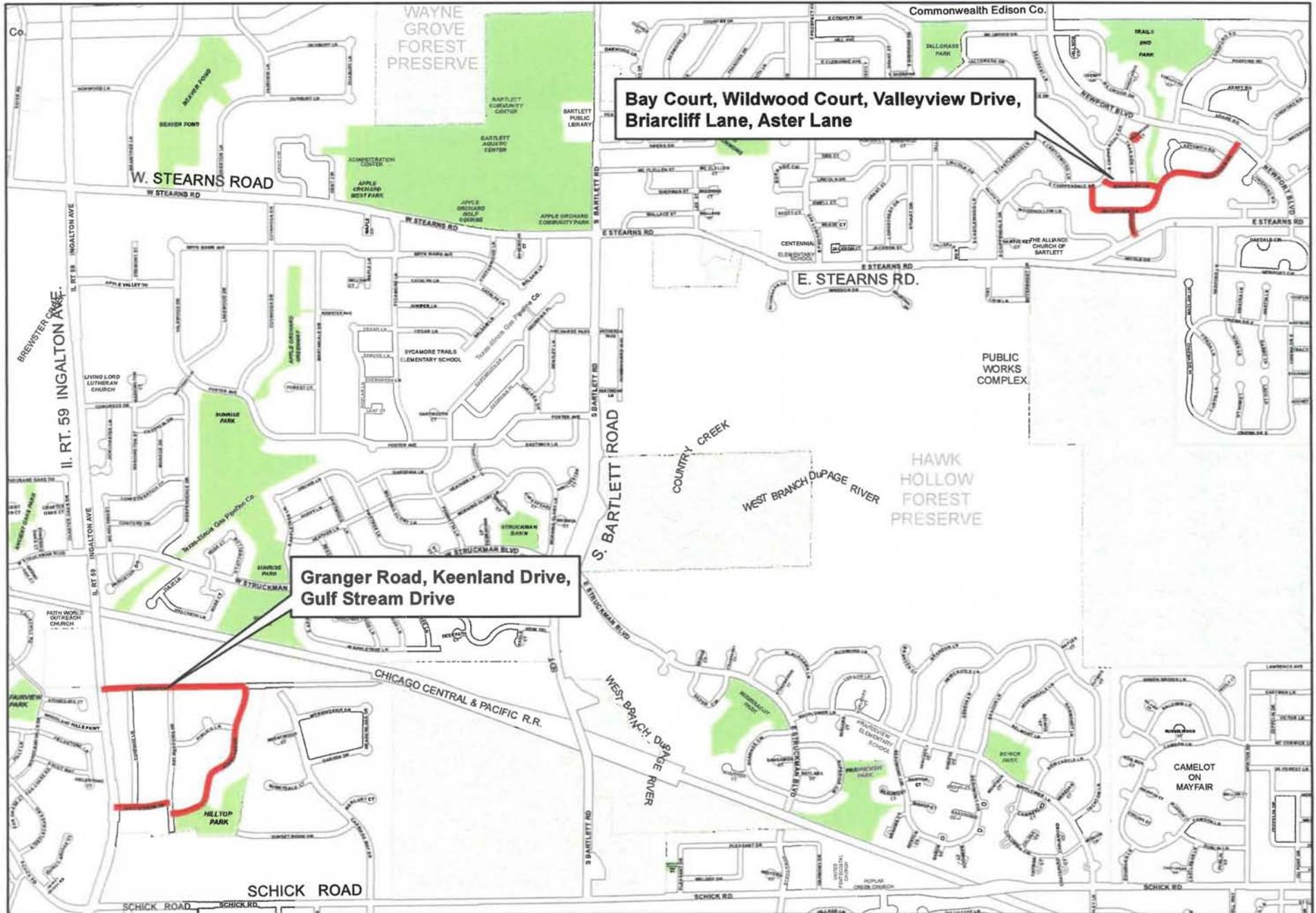
**Description** This project is to build an addition connecting the existing street division garage to the existing cold storage building. The addition will include a lunch room, employee locker room and office space.

**Comments** The employees currently eat within the garage where they have been dealing with pigeon droppings and no control of temperature. We propose to include a lunch room/training room that will allow employees to have lunch in a controlled environment and allow for safety/training opportunities. The garage only has 2 stalls in the restroom and little space for a locker room for ~40 employees. This makes it difficult during break and lunch periods. The new office space will allow us to install a locker room and convert the old locker/office areas to locked storage of parts and equipment for better accounting of Village owned property. Staff will assist in the remodeling and addition work to help control costs.

**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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction	\$ 55,008	\$ 450,000					\$ 505,008
Engineering/Architect							
Contingencies		15,000					15,000
<b>Total</b>	\$	\$ 465,000					\$ 520,008
<b>Source of Funds</b>							
Developer Deposits	\$ 55,008	\$ 465,000					\$ 520,008
<b>Total</b>	\$ 55,008	\$ 465,000					\$ 520,008

# FY 16/17 Through FY 20/21 MFT Maintenance Program



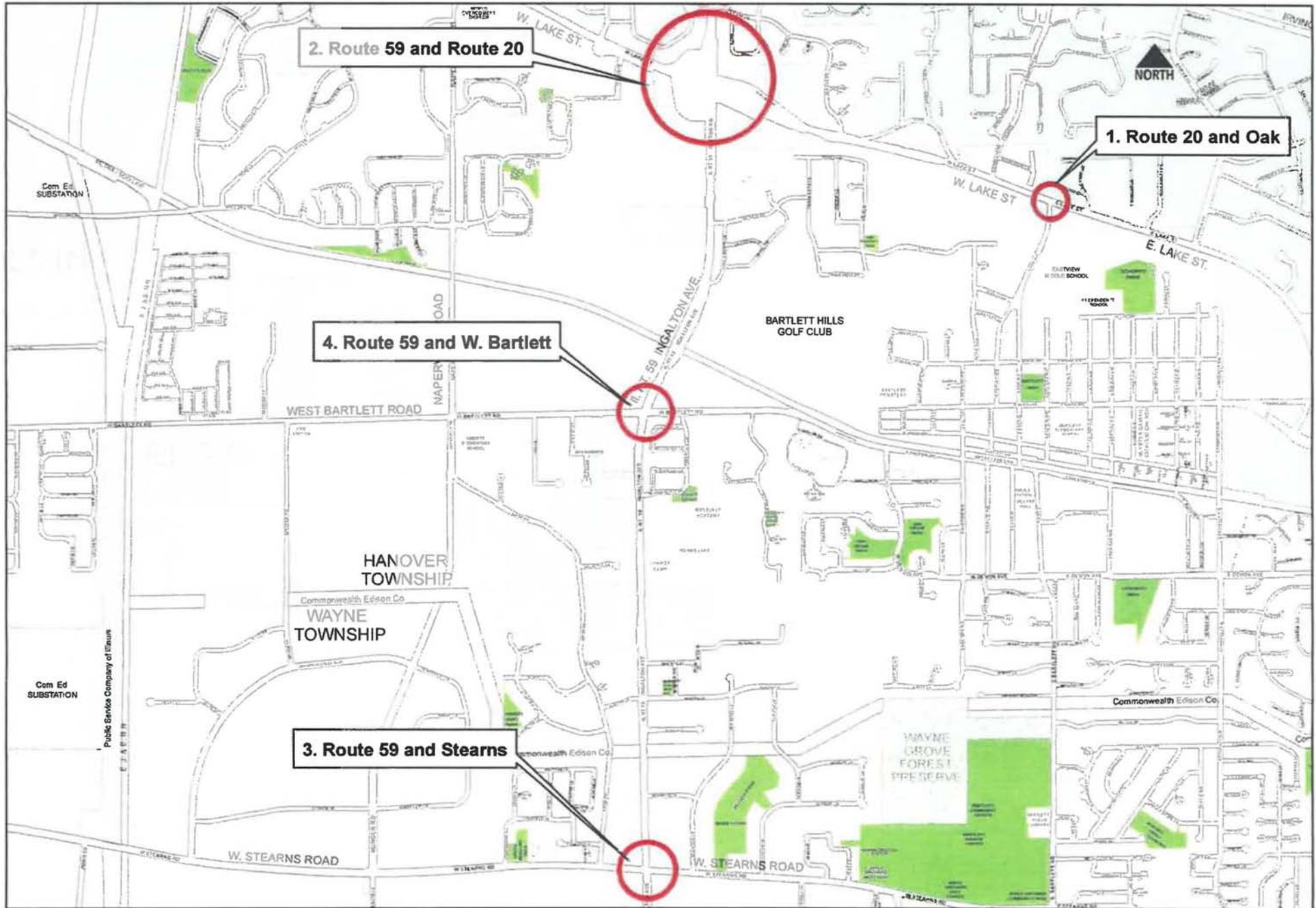
**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**FY 16/17 THROUGH FY 20/21 MFT MAINTENANCE PROGRAM**

<b>Description</b>	This annual maintenance program includes general patching, curb and gutter repairs, level binder, bituminous resurfacing, handicap ramp replacement and miscellaneous patching. Portions of the following streets may have drainage improvements, or patching and resurfacing work as part of the FY 16/17 project: Granger Road, Keenland Drive, Gulf Stream Drive, Bay Wildwood Court, Valleyview Drive, Briarcliff Lane and Aster Lane. Streets for FY 17/18 through FY20/21 will be selected based on our annual inspection process.
<b>Comments</b>	Due to the soils and poor base condition, special drainage provisions were required for Valleyview and Briarcliff. The FY 16/17 project was completed over the summer of 2016.
<b>Future Operating Budget Impact</b>	This project should not have a significant impact on the Operating budget.

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Construction	\$ 562,775	\$ 649,564	\$ 1,075,000	\$ 1,075,000	\$ 1,075,000	\$ 1,075,000	\$ 5,512,339
Engineering		9,000	25,000	25,000	25,000	25,000	109,000
<b>Total</b>	\$ 562,775	\$ 658,564	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 5,621,339
Source of Funds							
MFT Fund	562,775	\$ 658,564	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 5,621,339
<b>Total</b>	\$ 562,775	\$ 658,564	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 5,621,339

# IDOT Intersection Improvements



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**IDOT INTERSECTION IMPROVEMENTS**

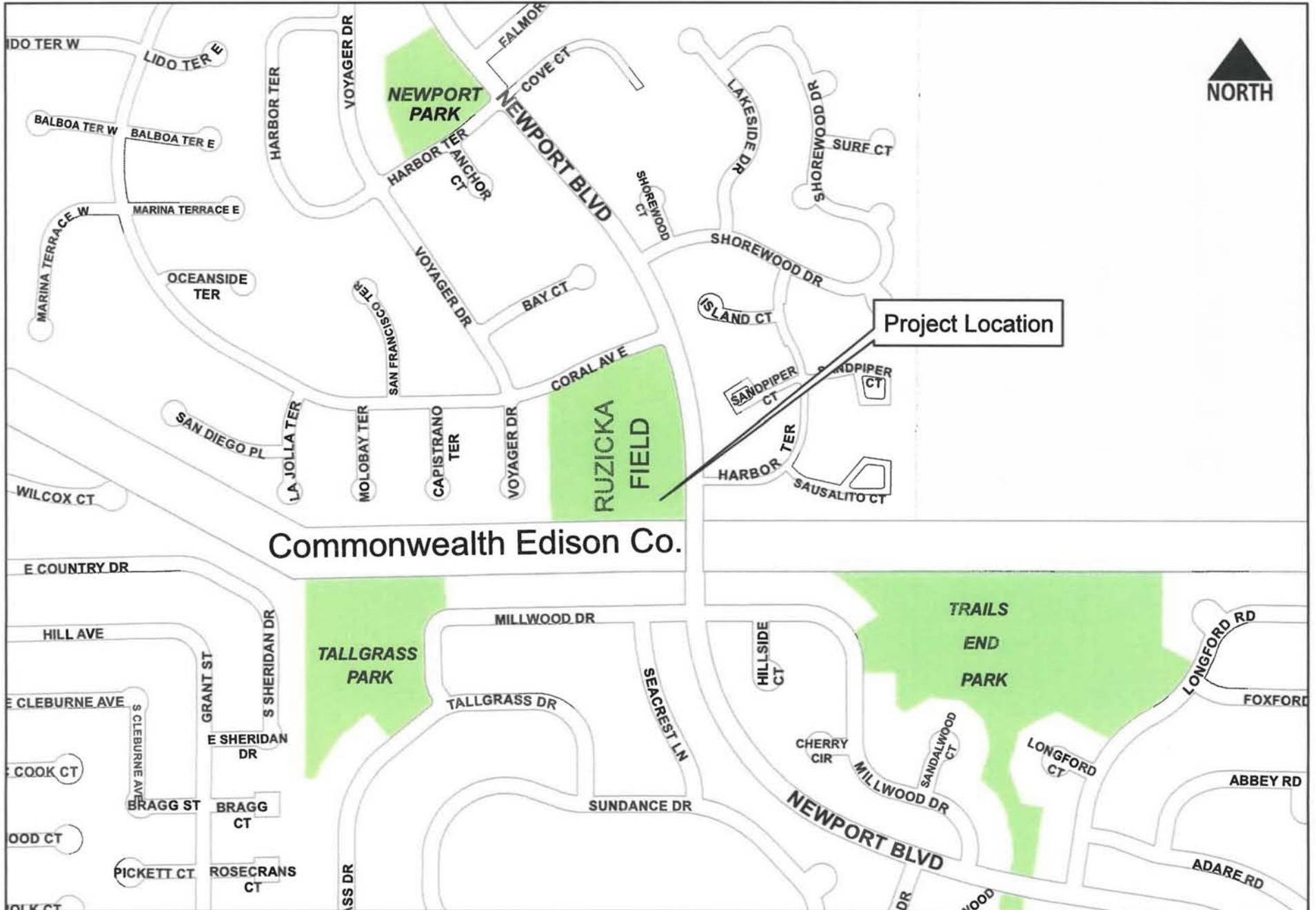
**Description** These intersection improvement projects typically include traffic signals, utility relocations, sidewalk and curb replacements, multi-use or bike path additions, street light adjustments, pavement markings, as well as new asphalt or concrete pavement. The following locations are in the 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 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Route 59 and Route 20			\$ 100,000				\$ 100,000
Route 59 and Stearns			50,000				50,000
Route 59 and W. Bartlett Road						\$ 100,000	100,000
<b>Total</b>			\$ 150,000			\$ 100,000	\$ 250,000
<b>Source of Funds</b>							
Developer Deposits			\$ 150,000			\$ 100,000	\$ 250,000
Other Sources (Jain Society)							
<b>Total</b>			\$ 150,000			\$ 100,000	\$ 250,000

# Ruzicka Field Parking Lot Resurfacing



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**RUZICKA FIELD PARKING LOT IMPROVEMENTS (NEW PROJECT)**

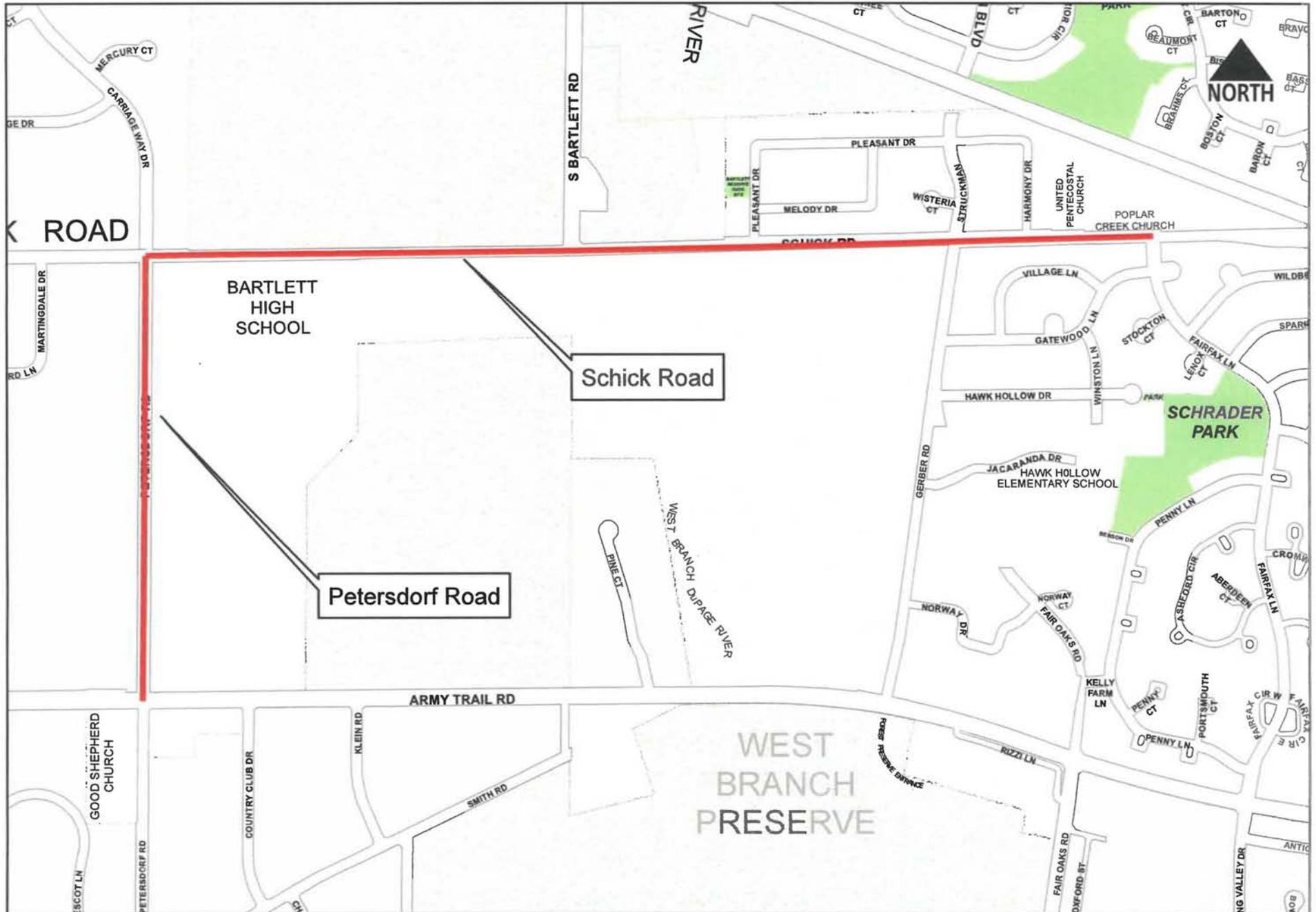
**Description**            The Ruzicka Field parking lot has been a gravel lot for many years and has been a source of complaints over the years. We are proposing to re-grade and pave the parking lot and stripe it to maximize the parking within the lot.

**Comments**                Storm water detention is the biggest hurdle for this improvement. Based on review of the storm water ordinance there may be a possibility that we do not need to provide detention. The budget costs do not include storm water detention. If it is determined that detention is required the costs will be much higher since the only viable option is underground storage.

**Future Operating Budget Impact**      No impact to operating budget

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction			\$ 560,000				\$ 560,000
Engineering			52,000				52,000
Contingencies			61,200				61,200
<b>Total</b>			\$ 673,200				\$ 673,200
<b>Source of Funds</b>							
MFT Fund			\$ 673,200				\$ 673,200
<b>Total</b>			\$ 673,200				\$ 673,200

# Schick and Petersdorf Road Resurfacing



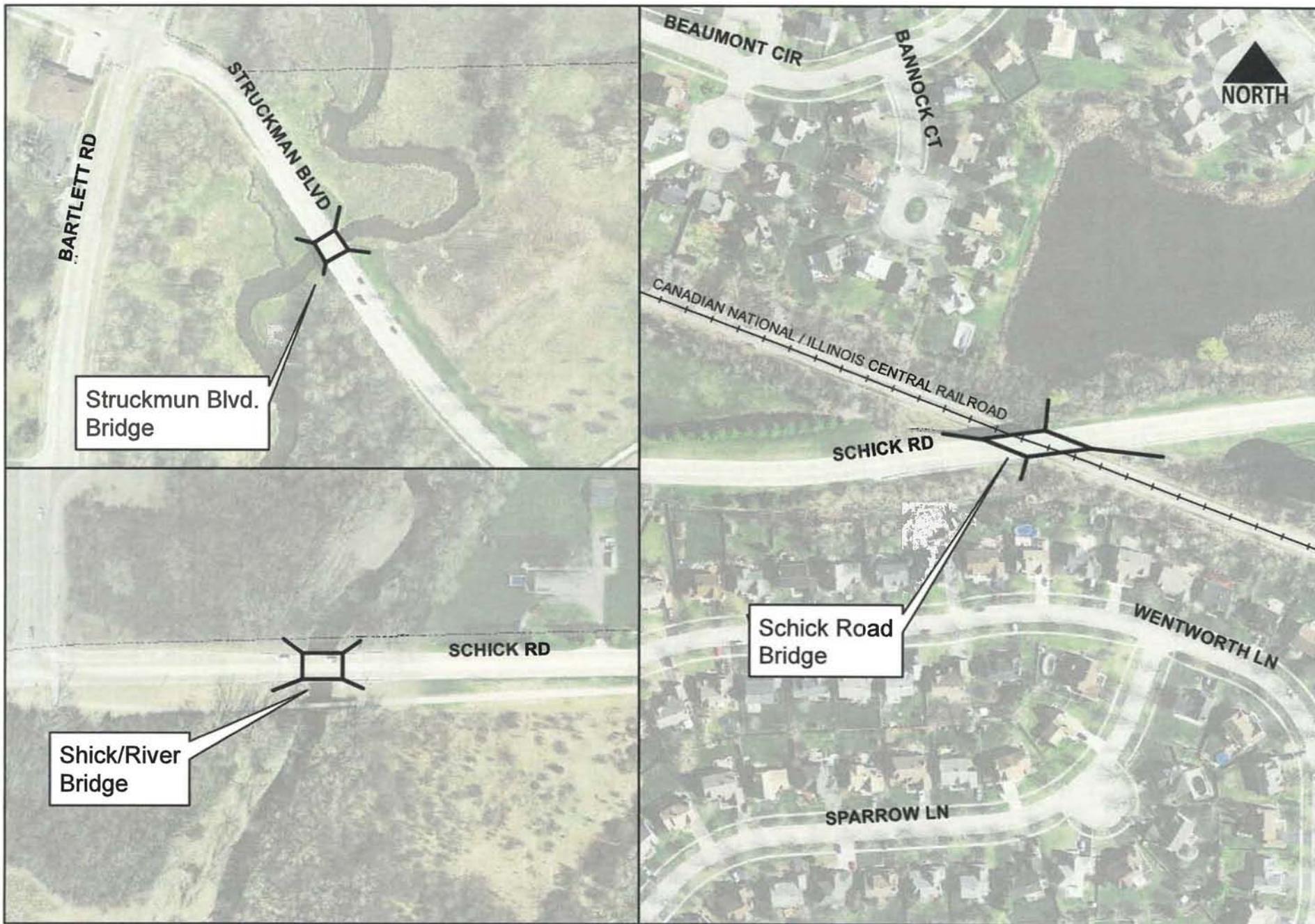
**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**SCHICK AND PETERSDORF ROAD RESURFACING (NEW PROJECT)**

<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 2018.
<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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction				\$ 1,120,180			\$ 1,120,180
Engineering				168,027			168,027
Contingencies				112,018			112,018
<b>Total</b>				\$ 1,400,225			\$ 1,400,225
<i>Source of Funds</i>							
STP Funds				\$ 980,158			\$ 980,158
MFT Funds				420,067			420,067
<b>Total</b>				\$ 1,400,225			\$ 1,400,225

# Schick and Struckman Bridge Rehabilitation



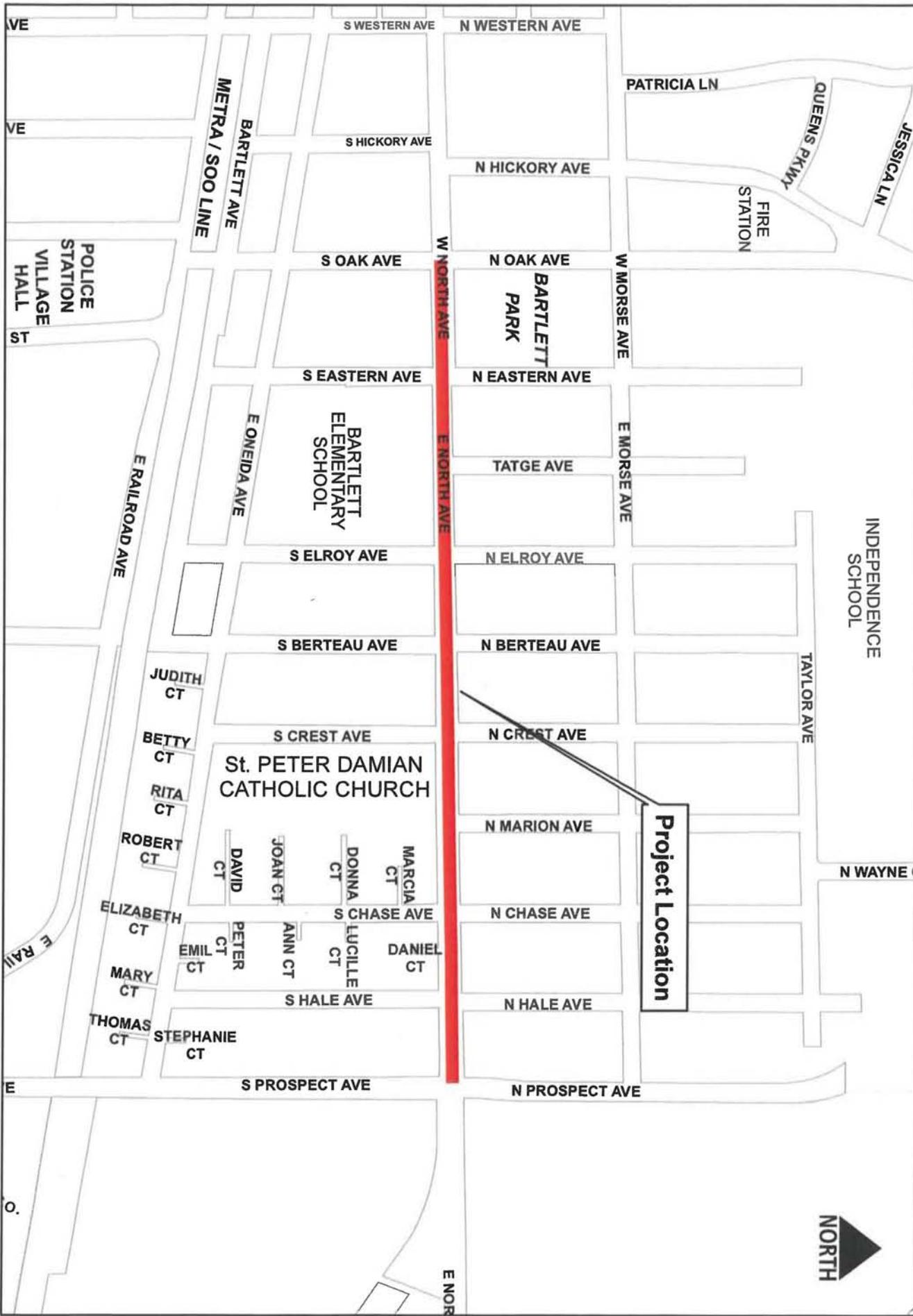
**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**SCHICK AND STRUCKMAN BRIDGE REHABILITATION (NEW PROJECT)**

<b>Description</b>	This project includes removal and repair of bridge decks, structural concrete repairs, waterproofing, gurb/gutter replacement, sidewalk replacement and joint sealing at the 1) Schick Road/West Branch DuPage River bridge, the 2) Schick Road/CN-IC Railroad bridge and the 3) Struckman Boulevard/West Branch DuPage River bridge. All the work described above is part of the ongoing Bridge Inspection program per IDOT standards.
<b>Comments</b>	The funding source for this project is MFT Funds.
<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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction			\$ 250,000				\$ 250,000
Engineering			10,000				10,000
Contingencies							0
<b>Total</b>			\$ 260,000				\$ 260,000
<i>Source of Funds</i>							
MFT Funds			\$ 260,000				\$ 260,000
<b>Total</b>			\$ 260,000				\$ 260,000

# North Avenue Resurfacing



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**NORTH AVENUE RESURFACING (NEW PROJECT)**

**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 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 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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction					\$ 550,000		\$ 550,000
Engineering					82,500		82,500
Contingencies					55,000		55,000
<b>Total</b>					\$ 687,500		\$ 687,500
<i>Source of Funds</i>							
STP Funds					\$ 481,250		\$ 481,250
MFT Funds					206,250		206,250
<b>Total</b>					\$ 687,500		\$ 687,500



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2017-2021**

*Economic Development Projects*

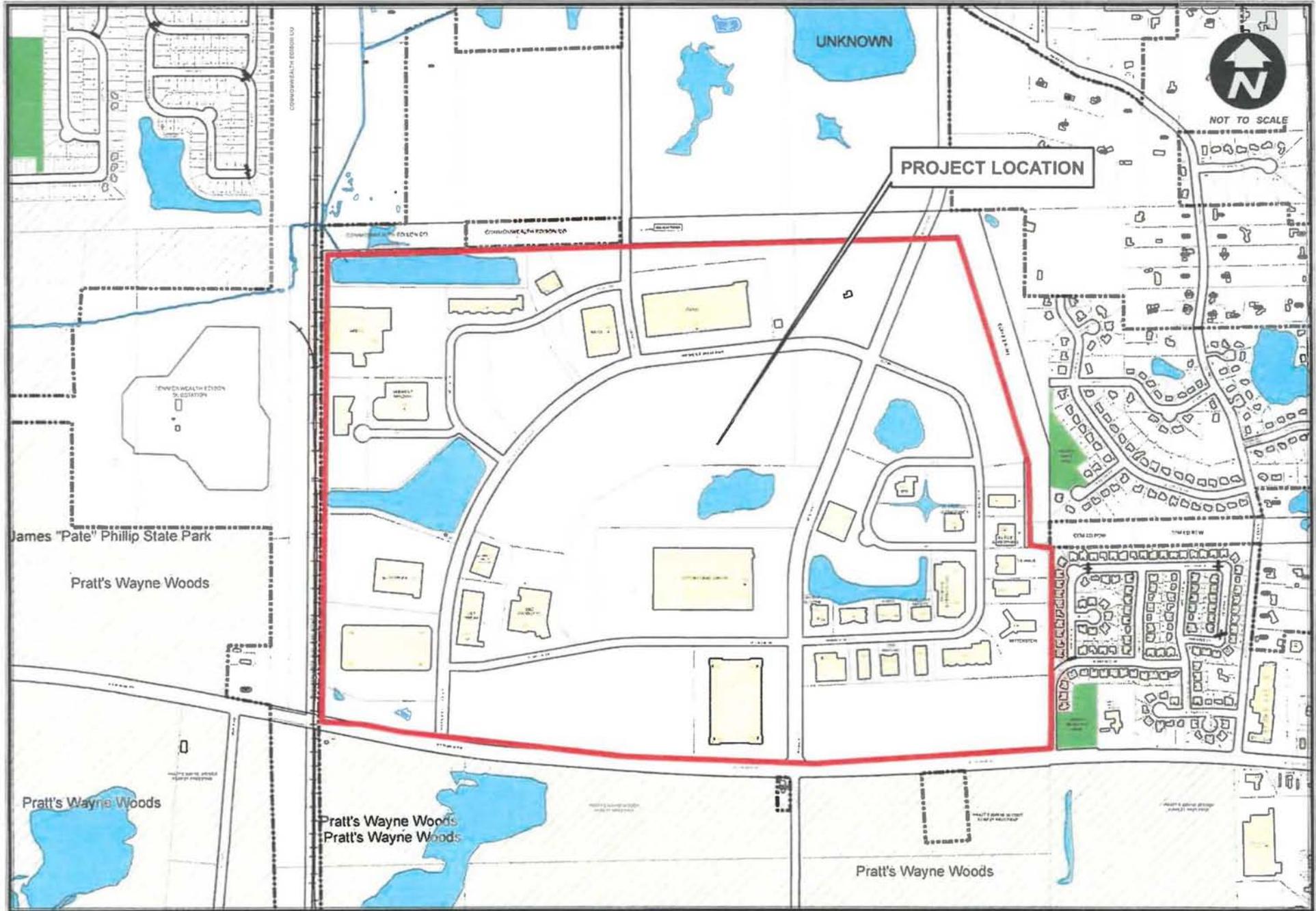
# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

## Economic Development Projects by Year

<i>Project</i>	<i>Page</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Brewster Creek Public Improvements</i>	50	\$ 1,925,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 9,925,000
<i>Bluff City/Blue Heron Public Improvements</i>	52	2,060,000	1,460,000	1,460,000	1,460,000	1,460,000	7,900,000
<b><i>Total</i></b>		<b>\$ 3,985,000</b>	<b>\$ 3,460,000</b>	<b>\$ 3,460,000</b>	<b>\$ 3,460,000</b>	<b>\$ 3,460,000</b>	<b>\$ 17,825,000</b>

<i>Sources of Funds</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Brewster Creek TIF Fund</i>	\$ 1,925,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 9,925,000
<i>Bluff City TIF Fund</i>	1,900,000	1,300,000	1,300,000	1,300,000	1,300,000	7,100,000
<i>Developer Participation/Other</i>	160,000	160,000	160,000	160,000	160,000	800,000
<b><i>Total</i></b>	<b>\$ 3,985,000</b>	<b>\$ 3,460,000</b>	<b>\$ 3,460,000</b>	<b>\$ 3,460,000</b>	<b>\$ 3,460,000</b>	<b>\$ 17,825,000</b>

# Brewster Creek Business Park Public Improvements



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

### BREWSTER CREEK BUSINESS PARK PUBLIC IMPROVEMENTS

**Description**

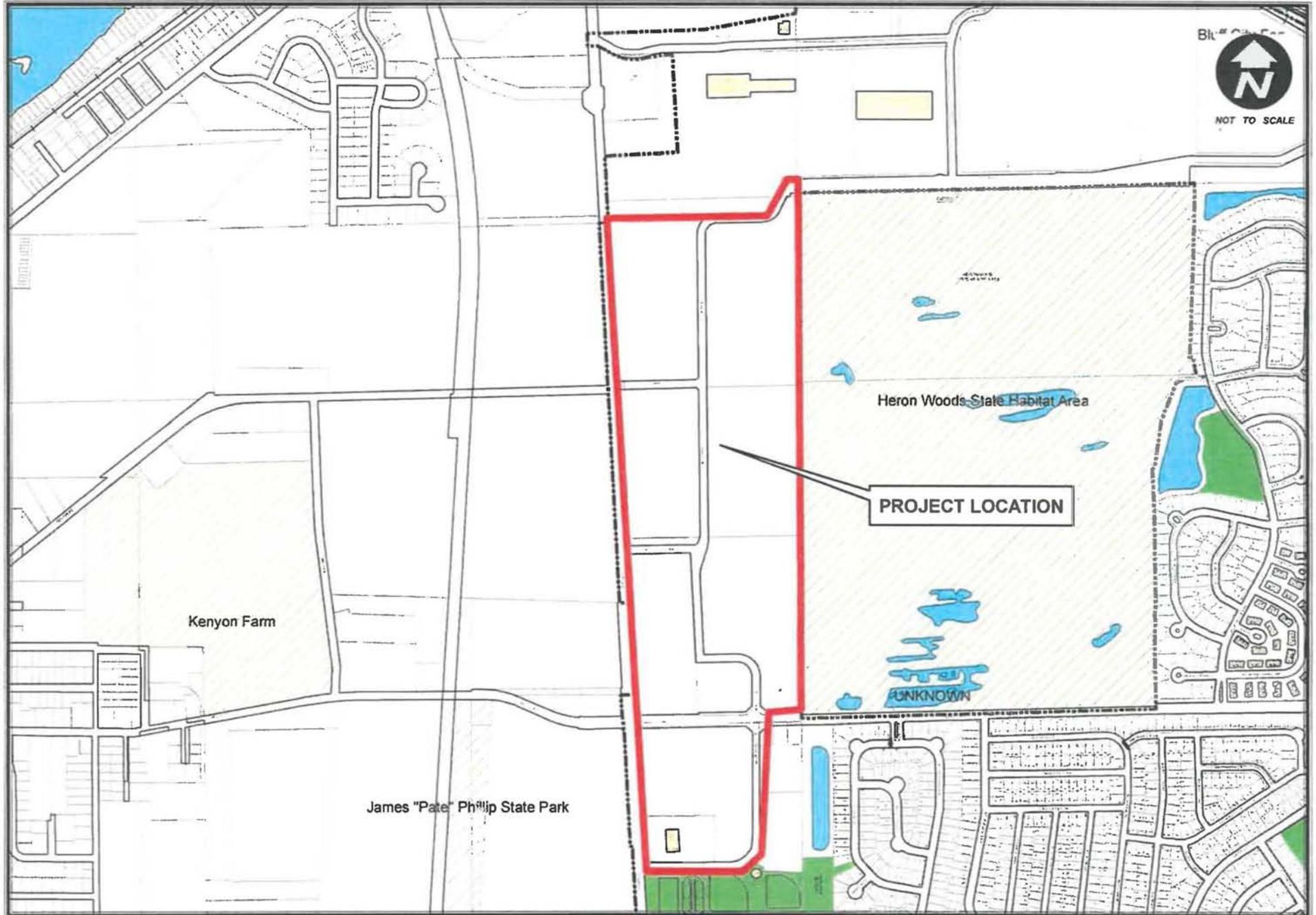
A total of \$30,000,000 in public improvements will be made to develop the Brewster Creek Business Park. Site preparation represents the largest share and includes filling in the mining pit. Other on-site improvements include sanitary sewers, watermains, storm sewers, internal roadways, wetland mitigation, 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. A Tax Increment Financing District was established to fund these improvements.

**Comments**

**Future Operating  
Budget Impact**

<i>Use of Funds</i>	<i>Prior Years Actual</i>	<i>Estimated 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Sanitary Sewer/Water Distribution	\$ 1,831,555						\$ 1,831,555
Wetland Mitigation	2,924,584	\$ 25,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	3,349,584
Roadways	1,635,054	300,000	300,000	300,000	300,000	300,000	3,135,054
Site Preparation - Earthwork	21,846,956	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	29,346,956
Signs & Landscaping	1,028,286	100,000	100,000	100,000	100,000	100,000	1,528,286
<b>Total</b>	<b>\$ 29,266,435</b>	<b>\$ 1,925,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 39,191,435</b>
<b>Source of Funds</b>							
Brewster Creek TIF Fund	\$ 29,266,435	\$ 1,925,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 39,191,435
<b>Total</b>	<b>\$ 29,266,435</b>	<b>\$ 1,925,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 39,191,435</b>

# Bluff City Blue/Heron Public Improvements



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**BLUFF CITY/BLUE HERON PUBLIC IMPROVEMENTS**

<b>Description</b>	The Village created the Bluff City/Blue Heron 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 Village's Capital budget.

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Site Preparation - Earthwork	\$ 1,130,594	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,130,594
Roadways/Traffic Signals	751,158	500,000	200,000	200,000	200,000	200,000	2,051,158
Sanitary Sewer and Water		200,000	0	0	0	0	200,000
Engineering		200,000	100,000	100,000	100,000	100,000	600,000
Contingencies		160,000	160,000	160,000	160,000	160,000	800,000
<b>Total</b>	<b>\$ 1,881,752</b>	<b>\$ 2,060,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 9,781,752</b>
<b>Source of Funds</b>							
Bluff City TIF Fund	\$ 1,881,752	\$ 1,900,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 8,981,752
Developer Participation/Other		160,000	160,000	160,000	160,000	160,000	800,000
<b>Total</b>	<b>\$ 1,881,752</b>	<b>\$ 2,060,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 1,460,000</b>	<b>\$ 9,781,752</b>



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2017-2021**

*Golf Projects*

**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

***Golf Projects by Year***

<i>Project</i>	<i>Page</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
							\$ 0
<i>No Proposed Projects</i>							0
							0
							0
							0
							0
							0
							0
<b><i>Total</i></b>		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

<i>Sources of Funds</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
						\$ 0
<b><i>Total</i></b>	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0



*Village of Bartlett, Illinois*

*Capital Improvements Program*

**2017-2021**

*Other Projects*

# VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

## Other Projects by Year

<i>Project</i>	<i>Page</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Salt Storage Building</i>	56				\$ 357,500		\$ 357,500
<i>North and Prospect/Hearthwood Detention</i>	58	\$ 25,000					25,000
<i>W. Bartlett/Devon Drainage Swale and Path</i>	60		\$ 55,000				55,000
<i>Stearns Road/Country Creek Culvert</i>	62	60,000	445,000				505,000
<i>Police Station</i>	64	1,000,000	9,587,500	\$ 9,412,500			20,000,000
<b><i>Total</i></b>		<b>\$ 1,085,000</b>	<b>\$ 10,087,500</b>	<b>\$ 9,412,500</b>	<b>\$ 357,500</b>	<b>\$ 0</b>	<b>\$ 20,942,500</b>

<i>Sources of Funds</i>	<i>FY 2016-17</i>	<i>FY 2017-18</i>	<i>FY 2018-19</i>	<i>FY 2019-20</i>	<i>FY 2020-21</i>	<i>Five Year Total</i>
<i>Municipal Building Fund</i>			\$ 500,000	\$ 357,500		\$ 857,500
<i>MFT fund</i>	\$ 60,000	\$ 445,000				505,000
<i>Capital Projects Funds</i>	25,000					25,000
<i>General Fund</i>			1,200,000			1,200,000
<i>DOJ Equitable Sharing Funds</i>	500,000	300,000				800,000
<i>General Fund (Stormwater Reserve)</i>		55,000				55,000
<i>Developer Deposits</i>			1,300,000			1,300,000
<i>2016 GO Bonds</i>	500,000	9,287,500	6,412,500			16,200,000
<b><i>Total</i></b>	<b>\$ 1,085,000</b>	<b>\$ 10,087,500</b>	<b>\$ 9,412,500</b>	<b>\$ 357,500</b>	<b>\$ 0</b>	<b>\$ 20,942,500</b>

# Salt Storage Building



Proposed Additional Salt Storage Building

Hawk Hollow Forest Preserve

Hawk Hollow Forest Preserve

PUBLIC WORKS COMPLEX

STEARNS RD TREATMENT PLANT

PUBLIC WORKS ADMINISTRATION

FUEL DEPOT

BITTERSWEET DR

1150

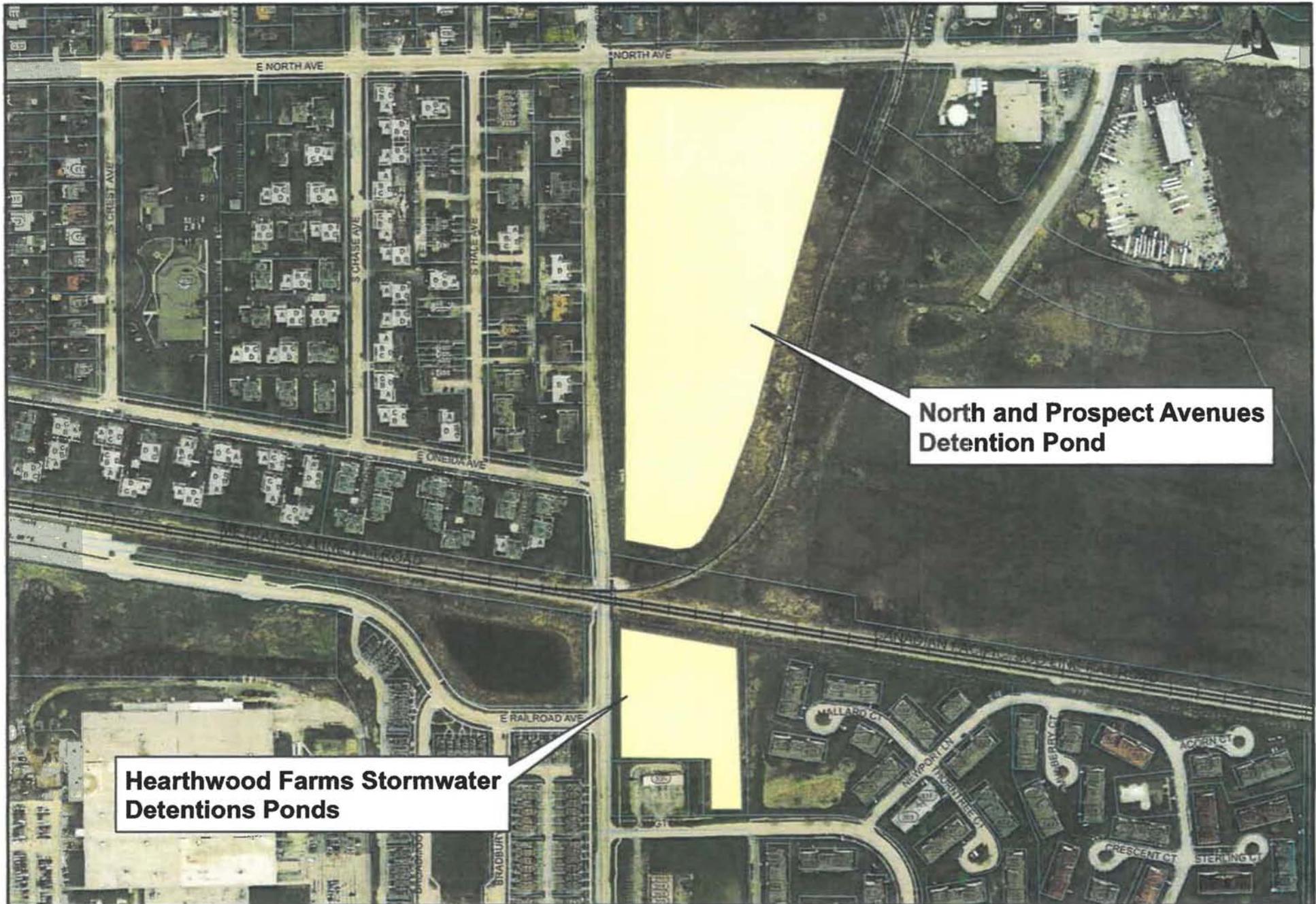
**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**SALT STORAGE BUILDING**

<b>Description</b>	The project consists of the construction of an additional salt storage building at Public Works.
<b>Comments</b>	We propose to add the salt storage building at Public Works to avoid replacing the garage at the Devon site and avoid having to purchase land west of Rt. 59. This will also avoid having to purchase or rent an endloader for the site.
<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 16/17</i>	<i>Proposed For Future Years</i>				<i>Project Totals</i>
			<i>17/18</i>	<i>18/19</i>	<i>19/20</i>	<i>20/21</i>	
Construction					\$ 325,000		\$ 325,000
Contingencies					32,500		32,500
<b>Total</b>					\$ 357,500		\$ 357,500
<b>Source of Funds</b>							
Municipal Building Fund					\$ 357,500		\$ 357,500
<b>Total</b>					\$ 357,500		\$ 357,500

# North and Prospect Avenues/Hearthwood Farms Stormwater Detention Ponds



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**NORTH AND PROSPECT AVENUES / HEARTHWOOD FARMS STORMWATER DETENTION PONDS**

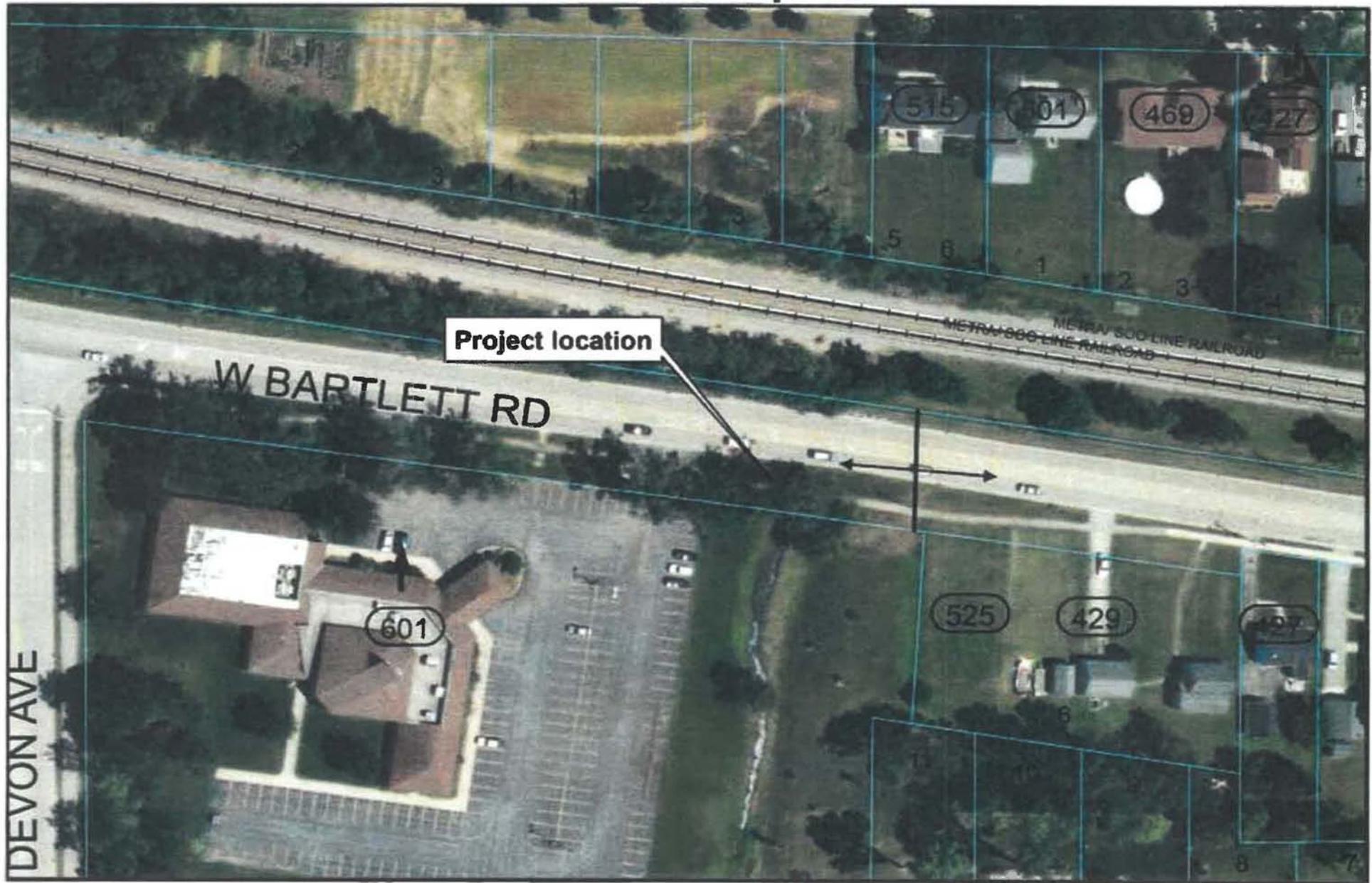
**Description** This project consists of constructing stormwater detention ponds on the east side of Prospect Avenue between North Avenue and Wilmington Drive to help minimize and alleviate flooding in the northeast area of the Village.  
 Phase 1 - Construction of Oneida / Prospect Pond  
 Phase 2 - Preliminary planning, engineering, grant application for expanding Oneida-Prospect pond to North Ave  
 Hearthwood Farms - Preliminary planning, engineering, grant application for pond near Wilmington Drive

**Comments** Phase 1 was completed in Fall of 2010. The Phase 2 and Hearthwood Farms portions will be completed as one project with FEMA Hazard Mitigation Grant funding. This project includes minor storm sewer reconstruction/grading at Crest and Taylor, expansion of the floodwater storage area at North Avenue and Prospect Avenue owned by the Village of Streamwood, and construction of a floodwater storage basin on the property immediately west of the Hearthwood Farms subdivision. The project will be completed in the fall/winter of 2015, with the exception of some restoration and planting work.

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

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Phase 1 Construction	\$ 343,648						\$ 343,648
Phase 2/Hearthwood Construction	3,643,601						3,643,601
Engineering	571,790						571,790
Land Acquisition	582,757						582,757
Contingencies	44,804	\$ 25,000					69,804
Legal	13,299						13,299
<b>Total</b>	<b>\$ 5,199,899</b>	<b>\$ 25,000</b>					<b>\$ 5,224,899</b>
<b>Source of Funds</b>							
FEMA Hazard Mitigation Grant	\$ 3,812,267						\$ 3,812,267
2012 GO Bonds	1,200,630						1,200,630
Capital Projects Fund	187,002	\$ 25,000					212,002
<b>Total</b>	<b>\$ 5,199,899</b>	<b>\$ 25,000</b>					<b>\$ 5,224,899</b>

# West Bartlett Rd/Devon Ave Drainage Swale and Path Replacement



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

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

<b>Description</b>	Engineering/hydrologic analysis of existing low lying drainage swale and replacement of 5' bike path in front of the Village Church west to Devon.
<b>Comments</b>	The drainage swale does not flow property and holds water long after rain events. There may need to be a storm sewer installed to replace the open swale. The 5' bike path is deteriorated and has been patched several times, 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>	

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Engineering Study			\$ 50,000				\$ 50,000
Contingencies			5,000				5,000
<b>Total</b>			\$ 55,000				\$ 55,000
<b>Source of Funds</b>							
General Fund (Stormwater)			\$ 55,000				\$ 55,000
<b>Total</b>			\$ 55,000				\$ 55,000

# Stearns Road/Country Creek Culvert Extension



**VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021**

**STEARNS ROAD/COUNTRY CREEK CULVERT EXTENSION**

**Description** This project includes the extension of the existing culvert at Country Creek. It will allow the removal of the existing pedestrian bridge, which is more than 25 years old and must be replaced if kept in use. Because of the creek, the project will include permits from numerous federal, state and local agencies, as well as a wetland deliniation and storage study.

**Comments** During the summer of 2015, some structural improvements were made on the pedestrian bridge. This will allow us to complete the culvert extension and keep the bridge open.

**Operating Budget Impact**

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Construction			\$ 375,000				\$ 375,000
Engineering/Permitting		\$ 60,000					60,000
Construction Inspection/Observation			40,000				40,000
Contingencies			30,000				30,000
<b>Total</b>		\$ 60,000	\$ 445,000				\$ 505,000
<b>Source of Funds</b>							
MFT Funds		\$ 60,000	\$ 445,000				\$ 505,000
<b>Total</b>		\$ 60,000	\$ 445,000				\$ 505,000

# POLICE STATION



## VILLAGE OF BARTLETT CAPITAL IMPROVEMENTS PROGRAM 2017-2021

### POLICE STATION (NEW PROJECT)

<b>Description</b>	This project includes the construction of a new police station and parking lot. It will be approximately 53,500 sqft and includes office space, detention and interview rooms above grade with the shooting range, lockers and additional storage in the basement. The new police department will be constructed in the place of the existing station and parking lot. An additional parking lot will be constructed on Oak Ave across the street from the police station.
<b>Comments</b>	Construction to begin fall of 2017
<b>Operating Budget Impact</b>	Preliminary estimates of the annual operating cost of the new building are approximately \$100,000 beyond what is spent on the current building. These costs include general maintenance, cleaning, equipment maintenance, etc.

Use of Funds	Prior Years Actual	Estimated 16/17	Proposed For Future Years				Project Totals
			17/18	18/19	19/20	20/21	
Construction			\$ 8,225,000	\$ 8,225,000			\$ 16,450,000
Pre Construction Services		\$ 250,000					250,000
Architectual Services		750,000	750,000				1,500,000
Owner's Rep			37,500	37,500			75,000
Furniture, Fixtures & Equipment			400,000	400,000			800,000
Low Voltage Wiring, A/V, CCTV			175,000	175,000			350,000
Contingencies				575,000			575,000
<b>Total</b>		\$ 1,000,000	\$ 9,587,500	\$ 9,412,500	\$ 0	\$ 0	\$ 20,000,000
<b>Source of Funds</b>							
2016 GO Bonds		\$ 500,000	\$ 9,287,500	\$ 6,412,500			\$ 16,200,000
DOJ Equitable Sharing Funds		500,000	300,000				800,000
General Fund				1,200,000			1,200,000
Municipal Building Fund				500,000			500,000
Developer Deposits Fund				1,300,000			1,300,000
							0
<b>Total</b>		\$ 1,000,000	\$ 9,587,500	\$ 9,412,500	\$ 0	\$ 0	\$ 20,000,000