



CAPITAL IMPROVEMENT PLAN FOR CY2019

VILLAGE OF VILLA PARK, ILLINOIS
JANUARY 1, 2019 - DECEMBER 31, 2019

ADOPTED DECEMBER 17, 2018



VILLAGE OF VILLA PARK, ILLINOIS

CAPITAL IMPROVEMENT PLAN

FOR

2019 THROUGH 2023

PRESIDENT

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**VILLAGE OF VILLA PARK, ILLINOIS
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

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**VILLAGE OF VILLA PARK, ILLINOIS
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**



INTRODUCTION

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Village of Villa Park

20 South Ardmore Avenue, Villa Park, Illinois 60181-2696

DEPARTMENT OF PUBLIC WORKS
VYDAS JUSKELIS, P.E. • Public Works Director

Phone (630) 834-8505
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FIVE-YEAR CAPITAL IMPROVEMENT PLAN (CIP) BUDGET MESSAGE FOR CALENDAR YEAR 2019

January 1, 2019

Honorable President and Board of Trustees
Village of Villa Park
20 South Ardmore Avenue
Villa Park, Illinois 60181

Ladies and Gentlemen:

I am pleased to convey to you the proposed five-year Capital Improvement Plan (CIP) for Calendar Years 2019 through 2023, including the Capital Budget for Calendar Year 2019. In general, this budget document was developed from the Street Improvement Program as presented at various public meetings and incorporates the Water Master Plan (completed in 2006), the Waste Water Master Plan (completed in 2008), the IKE-PLP Grant Study and Stormwater Management Addendum (completed in 2014), the Comprehensive Flood Plan and Storm Sewer System Analysis (completed in 2015), the Sugar Creek Watershed Drainage Improvement Project Conceptual Design Report (completed in 2015), and feedback from the public. The proposed CIP encompasses all single and multi-year capital projects with costs of \$25,000 or more and with a life expectancy of at least twenty years, and includes all projects in this year's budget and planned projects for the next five years.

The CY 2019 through CY 2023 five-year CIP is a multi-year planning instrument used by the Village to identify needed capital projects and to coordinate the financing and timing of these capital improvements in such a way that maximizes the return to the public. The first year of the CIP, which is called the capital budget, is incorporated into the operating budget which, in turn, allocates funds for specific facilities, equipment and infrastructure improvements. The proposed capital budget includes \$21,394,287 for engineering and construction. Revenues to fund this program will come from referendum-approved bond proceeds, the half-cent non-home-rule street improvement sales tax, the half-cent non-home-rule utility sales tax, water supply and wastewater funds, stormwater and combined sewer separation fees, grants, loans, TIF revenues, and corporate fund transfers.

SY 2018 ACCOMPLISHMENTS

Major capital investments were made possible by leveraging local funds with various federal and state grants and loans. We continue to systematically modernize the Village's infrastructure, which will increase reliability, decrease maintenance costs, and provide a foundation for future development and re-development. Some of the accomplishments from the previous fiscal year include the following:

➤ 2017 Street Improvement Project (Partial Construction)	\$191,018
➤ 2018 Street Improvement Project (Partial Design / Construction)	\$1,510,596
➤ 2019 Street Improvement Project (Design)	\$101,200
➤ ADA Sidewalk Improvements (Design / Construction)	\$93,145
➤ Ardmore Streetscape Improvement Project (Completion)	\$286,242
➤ Astor and Myrtle Improvement Project (Partial Design)	\$9,210
➤ College Streets Improvement Project (Partial Design)	\$28,752
➤ Drainage Assistance Program (Construction)	\$40,000
➤ Euclid Avenue Improvement Project (Kenilworth to Highland) (Partial Design)	\$12,311
➤ Jackson Pond Improvement Project (Design / Partial Construction)	\$1,428,320
➤ Maple Area Improvement Project (Design)	\$175,500
➤ Michigan Avenue Improvement Project (Kenilworth to Central) (Design)	\$20,381
➤ Michigan Avenue Improvement Project (Madison to Jackson) (Partial Construction)	\$531,520
➤ Monterey Avenue Improvement Project (Park to Washington) (Partial Design)	\$90,355
➤ Monterey Stormwater Quality Improvement Project (Construction)	\$84,600
➤ Myrtle Avenue Improvement Project (Madison to Terry) (Design)	\$12,454
➤ North Avenue Flood Control Study (Partial Design)	\$25,250
➤ North Side Sidewalk Project (Completion)	\$86,482
➤ Princeton Avenue Improvement Project (UP Railroad to Elm) (Partial Design / Construction)	\$1,034,013
➤ Ridge Road Improvement Project (Yale to Ardmore) (Construction)	\$725,613
➤ Roosevelt & Ardmore Improvements (IDOT) (Construction)	\$31,469
➤ Roosevelt, Summit to Villa Improvements (IDOT) (Construction)	\$37,575
➤ Second Avenue Combined Sewer Separation Project (Construction)	\$718,870
➤ Sidewalk Improvement Program (Construction)	\$74,993
➤ St. Charles Road Bridge Improvement Project (Partial Design / Land Acquisition)	\$200,000

SY 2018 ACCOMPLISHMENTS (CONTINUED)

➤ Sugar Creek Golf Course Stormwater Quality Improvement Project (Partial Design)	\$20,000
➤ Summit Avenue Resurfacing Project (Completion)	\$33,259
➤ Washington Street Green Infrastructure Improvement Project (Partial Construction)	\$340,137
➤ Wet Weather Flow Treatment Facility Improvements (Partial Design)	\$20,000
TOTAL	\$7,963,265

CY 2019 CAPITAL BUDGET

One of the most vital functions of local government is to construct and maintain the public works infrastructure on which our citizens and businesses depend. Without an adequate and efficient network of streets, bridges, water mains, sanitary sewers and other public facilities, issues would result for residents and commercial enterprises that rely upon local government for their physical well-being and economic prosperity. Funding has been secured for the following major infrastructure improvement components in CY 2019:

➤ 2019 Street Improvement Project (Various Streets) (Construction)	\$1,113,200
➤ 2020 Street Improvement Project (Various Streets) (Design)	\$36,740
➤ ADA Sidewalk Improvements (Construction)	\$50,000
➤ Astor and Myrtle Improvement Project (Construction)	\$2,188,075
➤ Charles Avenue Improvement Project (Design)	\$188,691
➤ College Streets Improvement Project (Various Streets) (Construction)	\$3,597,838
➤ Drainage Assistance Program (Construction)	\$40,000
➤ Euclid Avenue Improvement Project (Construction)	\$508,986
➤ IEPA Wastewater Loan Projects (Construction)	\$1,316,546
➤ IEPA Water Loan Group #3 (Various Streets) (Design)	\$111,000
➤ Jackson Pond Improvement Project (Partial Design / Partial Construction)	\$1,006,800
➤ Jackson Street Improvement Project (Addison to Yale) (Design)	\$19,664
➤ Maple Area Improvement Project (Various Streets) (Partial Design)	\$175,500
➤ Michigan Avenue Improvement Project (Kenilworth to Central) (Construction)	\$1,178,500
➤ Monterey Avenue Improvement Project (Park to Washington) (Construction)	\$4,020,610
➤ Myrtle Avenue Improvement Project (Madison to Terry) (Design)	\$12,454

CY 2019 CAPITAL BUDGET (CONTINUED)

➤ North Avenue and Ardmore Drainage Improvement Project (Construction)	\$1,540,000
➤ Sidewalk Improvement Program (Construction)	\$50,000
➤ St. Charles Road Bridge Improvement Project (Construction)	\$3,135,000
➤ Villa Avenue Bridge Improvement Project (Design)	\$180,000
➤ Washington Area Combined Sewer Separation Project (Partial Design)	\$274,100
➤ Wet Weather Flow Treatment Facility Improvements (Partial Design)	\$70,000
➤ Wisconsin Avenue Improvement Project (Madison to Jackson) (Design)	\$21,073
➤ Yale Avenue Improvement Project (Ridge to Plymouth) (Design / Partial Construction)	\$559,510
TOTAL	\$21,394,287

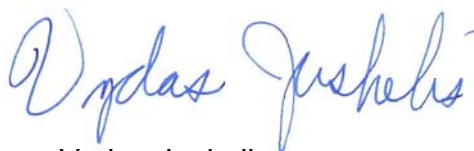
CONCLUSION

In addition to leveraging local funds with outside funding sources such as grants and loans, the Village was given the authority (by the voters) to increase the Village's non-home rule sales tax by an additional half percent to fund public infrastructure improvements. These funds have been segregated and will be spent in accordance with the referendum question that was presented to and approved by the voters of Villa Park.

We will continue to seek ways to stretch our available capital funds so that they provide the greatest benefit possible. The planning process must be continuous and complementary with the Village's master plans, yet flexible enough to address the changing future needs of the Village. The proposed CIP budget represents a collaborative effort by the Village Board and staff, with citizen input, to improve the quality of life for Village residents and the business community.

I would like to thank Village Manager Rich Keehner, Finance Director Kevin Wachtel and the other department heads and Village staff members who contributed many hours of dedicated work to produce this budget document. I would also like to thank the Village Board members for their input into the budget process and the long range planning of the Capital Improvement Plan.

Respectfully submitted,



Vydas Juskelis
Director of Public Works

**VILLAGE OF VILLA PARK, ILLINOIS
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**



SUMMARIES

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**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

PROJECT EXPENDITURES SUMMARY

Project Name	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	
Project Expenditures Subtotals								
2019 Street Improvement Project (Various Streets)	1,214,400	101,200	1,113,200	-	-	-	-	-
2020 Street Improvement Project (Various Streets)	1,174,380	-	36,740	1,137,640	-	-	-	-
ADA Sidewalk Improvements	350,000	100,000	50,000	50,000	50,000	50,000	50,000	-
Ardmore and Ridge Sanitary Sewer Replacement Project	126,000	-	-	-	-	-	-	126,000
Astor and Myrtle Improvement Project (Astor, Summit to Myrtle; Myrtle, Park to Highland; Crescent, Myrtle to Villa)	2,464,843	148,768	2,188,075	-	-	-	-	128,000
Biermann Avenue Improvement Project (North Avenue to Sunset)	1,022,836	-	-	85,236	937,600	-	-	-
Charles Avenue Improvement Project (St. Charles to Oak)	2,732,292	-	188,691	2,075,601	-	-	-	468,000
College Streets Improvement Project (Various Streets)	3,850,155	252,317	3,597,838	-	-	-	-	-
Drainage Assistance Program	200,000	-	40,000	40,000	40,000	40,000	40,000	-
Elm Street Drainage Improvement Project	4,402,000	-	-	-	-	161,000	1,771,000	2,470,000
Euclid Avenue Improvement Project (Kenilworth to Central; Park to Highland)	556,336	47,350	508,986	-	-	-	-	-
Euclid Avenue Improvement Project (Washington to Madison)	954,818	-	-	79,485	875,333	-	-	-
Great Western Trail Lighting Expansion Project (Harvard Avenue to west Village corporate limits)	197,946	55,946	-	-	-	-	-	142,000
Harvard Avenue Improvement Project (Ridge to south end) - IEPA Water Loan Group #3	785,382	-	-	65,600	719,782	-	-	-
IEPA Wastewater Loan Projects	2,380,536	103,990	1,316,546	80,000	880,000	-	-	-

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

PROJECT EXPENDITURES SUMMARY

Project Name	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	
Project Expenditures Subtotals								
IEPA Water Loan Group #3 (Harvard, Ridge to south end; Myrtle, Madison to Terry)	1,342,570	10,570	111,000	1,221,000	-	-	-	-
Jackson Pond Improvement Project	6,693,423	1,534,123	1,006,800	1,996,500	2,156,000	-	-	-
Jackson Street Improvement Project (Addison to Yale)	235,964	-	19,664	216,300	-	-	-	-
Lions Park Drainage Improvement Project	214,800	-	-	-	-	-	-	214,800
Lufkin Pond Drainage Improvement Project	665,000	-	-	-	-	-	-	665,000
Maple Area Improvement Project (Various Streets)	4,988,006	175,500	175,500	3,610,006	-	-	-	1,027,000
Michigan Avenue Improvement Project (Kenilworth to Central)	2,425,105	88,605	1,178,500	-	-	-	-	1,158,000
Monterey Avenue Improvement Project (Park to Washington)	4,213,700	193,090	4,020,610	-	-	-	-	-
Myrtle Avenue Improvement Project (Madison to Terry) - IEPA Water Loan Group #3	149,452	12,454	12,454	124,544	-	-	-	-
North Avenue and Ardmore Drainage Improvement Project	1,830,225	290,225	1,540,000	-	-	-	-	-
Ovaltine Pond Drainage Improvement Project	341,796	-	-	-	-	-	-	341,796
Park Boulevard Sewer Rehabilitation - IEPA Wastewater Loan Project	3,031,600	-	-	137,800	2,893,800	-	-	-
Princeton Avenue Improvement Project (Union Pacific Railroad to Elm)	1,039,913	1,039,913	-	-	-	-	-	-
Riordan and Monterey Drainage Improvement Project	439,257	-	-	-	-	-	-	439,257
Rotary Park Drainage Improvement Project	288,444	-	-	-	-	-	-	288,444
Sidewalk Improvement Program	250,000	-	50,000	50,000	50,000	50,000	50,000	-

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

PROJECT EXPENDITURES SUMMARY

Project Name	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	
Project Expenditures Subtotals								
St. Charles Road Bridge Improvement Project	3,699,796	564,796	3,135,000	-	-	-	-	-
Third Avenue Combined Sewer Separation Project (Holly to Division)	647,000	-	-	50,000	597,000	-	-	-
Twin Lakes Area Drainage Improvement Project	3,312,192	-	-	-	-	-	-	3,312,192
Van Buren Area Drainage Improvement Project	1,856,000	-	-	-	-	-	-	1,856,000
Villa and Summit Drainage Improvement Project	1,027,000	-	-	-	-	-	-	1,027,000
Villa Avenue Bridge Improvement Project	874,597	4,597	180,000	690,000	-	-	-	-
Washington Area Combined Sewer Separation Project	5,809,200	-	274,100	3,225,100	2,310,000	-	-	-
Water Metering System Upgrades	2,085,471	665,471	-	710,000	710,000	-	-	-
Westmore Avenue Improvement Project (Division to St. Charles)	1,757,126	-	-	80,127	881,399	-	-	795,600
Wet Weather Flow Treatment Facility Improvements - IEPA Wastewater Loan Project	521,136	31,136	70,000	220,000	200,000	-	-	-
Wisconsin Avenue Improvement Project (Kenilworth to Madison)	4,980,872	-	-	253,573	3,209,299	759,000	759,000	-
Wisconsin Avenue Improvement Project (Madison to Jackson)	409,881	-	21,073	388,808	-	-	-	-
Yale Avenue Improvement Project (Madison to Jackson)	946,800	-	-	78,900	867,900	-	-	-
Yale Avenue Improvement Project (Park to Madison)	1,801,600	-	-	131,800	1,669,800	-	-	-
Yale Avenue Improvement Project (Ridge to Plymouth)	1,036,380	2,000	559,510	474,870	-	-	-	-
TOTALS	81,326,230	5,422,051	21,394,287	17,272,890	19,047,913	1,060,000	2,670,000	14,459,089

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**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

FUNDING SOURCES SUMMARY

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	
Funding Sources Subtotals								
North Avenue TIF	1,830,225	290,225	1,540,000	-	-	-	-	-
Street Improvement Fund	2,785,907	244,372	1,578,824	939,710	23,001	-	-	-
GO Bonds	12,196,534	797,339	4,168,206	3,444,810	3,786,179	-	-	-
Capital Projects Fund	722,946	155,946	85,000	85,000	85,000	85,000	85,000	142,000
Stormwater Fund	21,086,673	1,020,316	1,453,868	2,129,000	2,688,000	779,000	779,000	12,237,489
Water Supply Fund	3,464,178	785,763	660,213	1,028,202	990,000	-	-	-
Wastewater Fund	1,084,888	95,857	329,605	266,493	266,933	-	-	126,000
Sewer Separation	19,920,428	486,678	4,781,750	6,230,000	6,490,000	161,000	1,771,000	-
CDBG Grant	687,750	300,000	193,875	193,875	-	-	-	-
CDBG-DR Grant	550,000	550,000	-	-	-	-	-	-
IEPA Wastewater Loan	5,852,136	103,990	1,336,546	437,800	3,973,800	-	-	-
IEPA Water Loan	7,380,920	206,920	2,579,400	1,931,000	710,000	-	-	1,953,600
ISBP Grant	2,388,000	-	2,388,000	-	-	-	-	-
Private Funds	175,000	-	35,000	35,000	35,000	35,000	35,000	-
STP-BR Grant	1,200,645	384,645	264,000	552,000	-	-	-	-
TOTALS	81,326,230	5,422,051	21,394,287	17,272,890	19,047,913	1,060,000	2,670,000	14,459,089

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**VILLAGE OF VILLA PARK, ILLINOIS
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**



CAPITAL IMPROVEMENTS

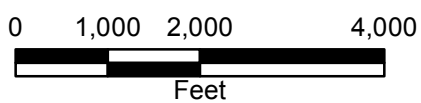
INFRASTRUCTURE IMPROVEMENTS



 2019 Street Improvement Project (Various Streets)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

Fund(s) / Department(s):
Street Improvement Fund
GO Bonds

NEW

Project Name: 2019 Street Improvement Project (Various Streets)

Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods.

Description: This project consists of the rehabilitation of various streets by means of selected pavement rehabilitation methods.

Justification: The Village's pavement management program has determined that the condition of the streets has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Street Improvement Fund	92,600	46,300	46,300	-	-	-	-	-
GO Bonds	109,800	54,900	54,900	-	-	-	-	-
Engineering Subtotals	202,400	101,200	101,200	-	-	-	-	-

Construction / Building								
Street Improvement Fund	463,000	-	463,000	-	-	-	-	-
GO Bonds	549,000	-	549,000	-	-	-	-	-
Construction Subtotals	1,012,000	-	1,012,000	-	-	-	-	-

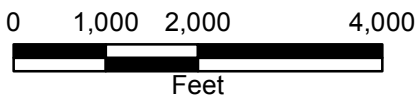
Funding Sources Subtotals								
Street Improvement Fund	555,600	46,300	509,300	-	-	-	-	-
GO Bonds	658,800	54,900	603,900	-	-	-	-	-
PROJECT TOTALS	1,214,400	101,200	1,113,200	-	-	-	-	-



 2020 Street Improvement Project (Various Streets)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

Fund(s) / Department(s):
Street Improvement Fund
GO Bonds

NEW

Project Name: 2020 Street Improvement Project (Various Streets)

Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods.

Description: This project consists of the rehabilitation of various streets by means of selected pavement rehabilitation methods.

Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Street Improvement Fund	122,250	-	-	122,250	-	-	-	-
GO Bonds	73,480	-	36,740	36,740	-	-	-	-
Engineering Subtotals	195,730	-	36,740	158,990	-	-	-	-

Construction / Building								
Street Improvement Fund	611,250	-	-	611,250	-	-	-	-
GO Bonds	367,400	-	-	367,400	-	-	-	-
Construction Subtotals	978,650	-	-	978,650	-	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	733,500	-	-	733,500	-	-	-	-
GO Bonds	440,880	-	36,740	404,140	-	-	-	-
PROJECT TOTALS	1,174,380	-	36,740	1,137,640	-	-	-	-

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VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Capital Projects Fund
Project Name: ADA Sidewalk Improvements	
Objective: To ensure the compliance of public sidewalks with the Americans with Disabilities Act (ADA).	
Description: This program consists of the replacement of public sidewalks throughout the Village. The replacement work will be completed by a contractor. The Village recently updated its inventory of sidewalks based on current ADA standards.	
Justification: Implementation of the ADA Sidewalk Improvements will improve Village infrastructure, meet resident demand, and help the Village meet current ADA requirements.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Capital Projects Fund	-	-	-	-	-	-	-	-
Engineering Subtotals	-	-	-	-	-	-	-	-

Construction / Building								
Capital Projects Fund	350,000	100,000	50,000	50,000	50,000	50,000	50,000	-
Construction Subtotals	350,000	100,000	50,000	50,000	50,000	50,000	50,000	-

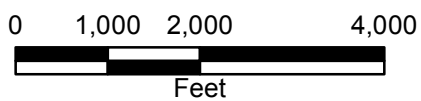
Funding Sources Subtotals								
Capital Projects Fund	350,000	100,000	50,000	50,000	50,000	50,000	50,000	-
PROJECT TOTALS	350,000	100,000	50,000	50,000	50,000	50,000	50,000	-



Ardmore and Ridge Sanitary Sewer Replacement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



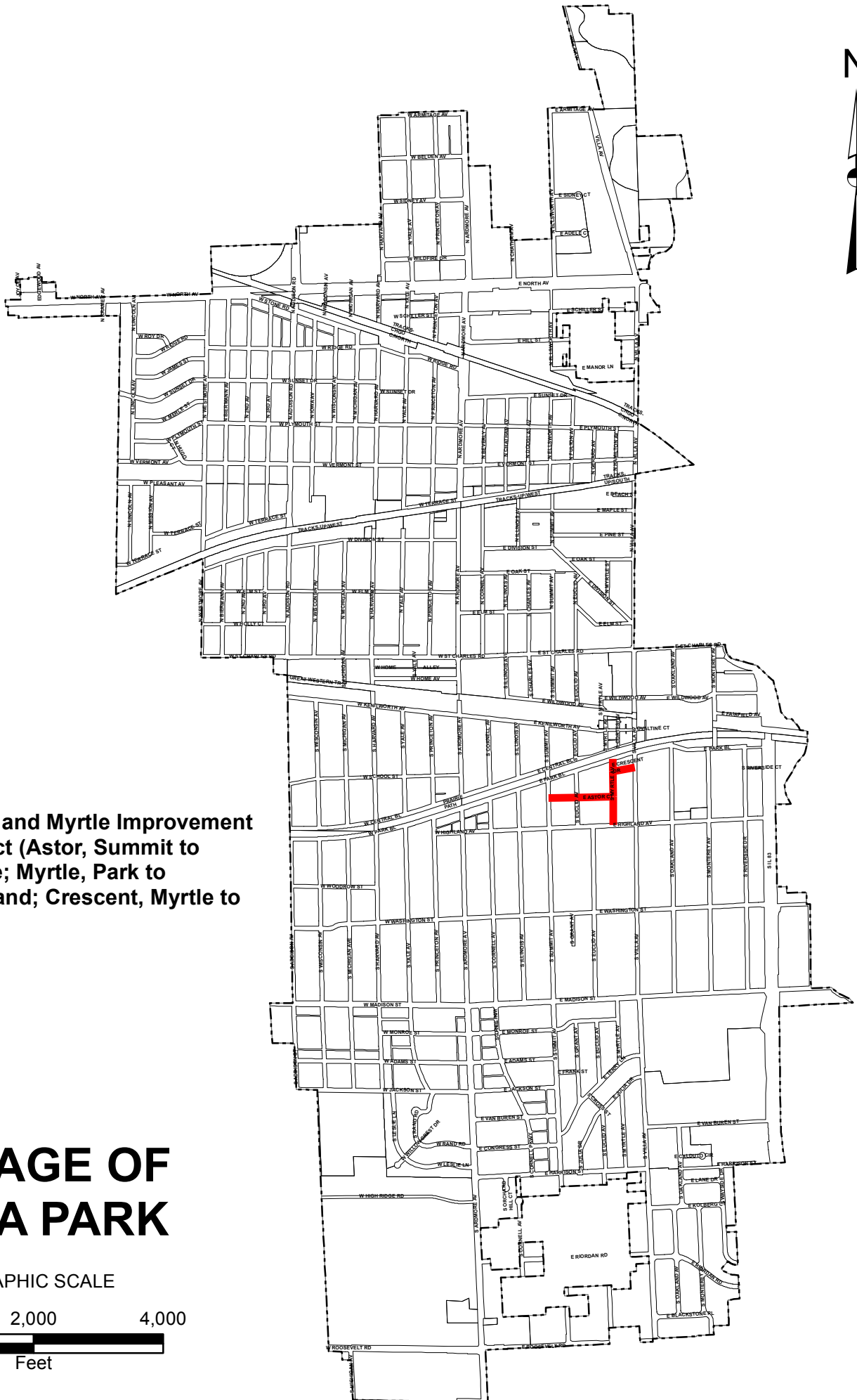
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Wastewater Fund
Project Name: Ardmore and Ridge Sanitary Sewer Replacement Project	
Objective: To replace a substandard sanitary sewer main in the vicinity of Ardmore Avenue and Ridge Road.	
Description: This project consists of the replacement of a sanitary sewer main in the vicinity of Ardmore Avenue and Ridge Road.	
Justification: The replacement of the sanitary sewer main will significantly reduce the possibility of a future sewer collapse or other failure.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Wastewater Fund	21,000	-	-	-	-	-	-	21,000
Engineering Subtotals	21,000	-	-	-	-	-	-	21,000

Construction / Building								
Wastewater Fund	105,000	-	-	-	-	-	-	105,000
Construction Subtotals	105,000	-	-	-	-	-	-	105,000

Funding Sources Subtotals								
Wastewater Fund	126,000	-	-	-	-	-	-	126,000
PROJECT TOTALS	126,000	-	-	-	-	-	-	126,000

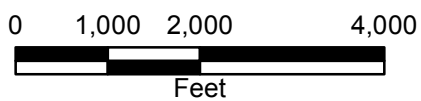


Astor and Myrtle Improvement Project (Astor, Summit to Myrtle; Myrtle, Park to Highland; Crescent, Myrtle to Villa)



VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Stormwater Fund Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Astor and Myrtle Improvement Project (Astor, Summit to Myrtle; Myrtle, Park to Highland; Crescent, Myrtle to Villa)	
Objective: To significantly improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with a new structurally sound pavement. A portion of the project includes combined sewer separation that should reduce the frequency and severity of surcharging of the combined sewer system.	
Description: This project consists of the reconstruction of Astor Court from Summit Avenue to Myrtle Avenue, Myrtle Avenue from Park Boulevard to Highland Avenue, and Crescent Boulevard from Myrtle Avenue to Villa Avenue. The project includes combined sewer separation. Some selective water system and sanitary sewer system improvements are also included. The stormwater improvements programmed in SY 2018 include the installation of underground stormwater detention. The stormwater improvements programmed in future years include the potential installation of above-ground stormwater detention on vacant property.	
Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	144,271	85,998	58,273	-	-	-	-	-
Stormwater Fund ¹	76,725	19,425	37,300	-	-	-	-	20,000
Water Supply Fund ³	7,305	-	7,305	-	-	-	-	-
Wastewater Fund ³	44,878	34,135	10,743	-	-	-	-	-
Sewer Separation ²	87,460	9,210	78,250	-	-	-	-	-
Engineering Subtotals	360,639	148,768	191,871	-	-	-	-	20,000

Construction / Building								
GO Bonds	582,728	-	582,728	-	-	-	-	-
Stormwater Fund ¹	481,000	-	373,000	-	-	-	-	108,000
Water Supply Fund ³	73,050	-	73,050	-	-	-	-	-
Wastewater Fund	107,426	-	107,426	-	-	-	-	-
Sewer Separation ²	860,000	-	860,000	-	-	-	-	-
Construction Subtotals	2,104,204	-	1,996,204	-	-	-	-	108,000

Funding Sources Subtotals								
GO Bonds	726,999	85,998	641,001	-	-	-	-	-
Stormwater Fund ¹	557,725	19,425	410,300	-	-	-	-	128,000
Water Supply Fund ³	80,355	-	80,355	-	-	-	-	-
Wastewater Fund ³	152,304	34,135	118,169	-	-	-	-	-
Sewer Separation ²	947,460	9,210	938,250	-	-	-	-	-
PROJECT TOTALS	2,464,843	148,768	2,188,075	-	-	-	-	128,000

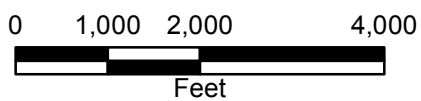
1. A loan will be needed for these improvements
2. An IEPA loan to be repaid with future revenue will be needed for these improvements
3. The Utility Sales Tax is expected to provide funding for these improvements



**Biermann Avenue
Improvement Project (North
Avenue to Sunset)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund
Project Name: Biermann Avenue Improvement Project (North Avenue to Sunset)	
Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods. To improve water system capacity and reliability by replacing the existing water main.	
Description: This project consists of the rehabilitation of North Biermann Avenue from North Avenue to Sunset Drive by means of selected pavement rehabilitation methods. The project also includes replacement of the existing 6" water main. Some selective sanitary sewer system improvements are also included.	
Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. The existing water main has a high incidence of water main breaks. The Illinois EPA Public Water Supply Loan Program (PWSLP) is expected to provide loan funding for the water main improvements.	

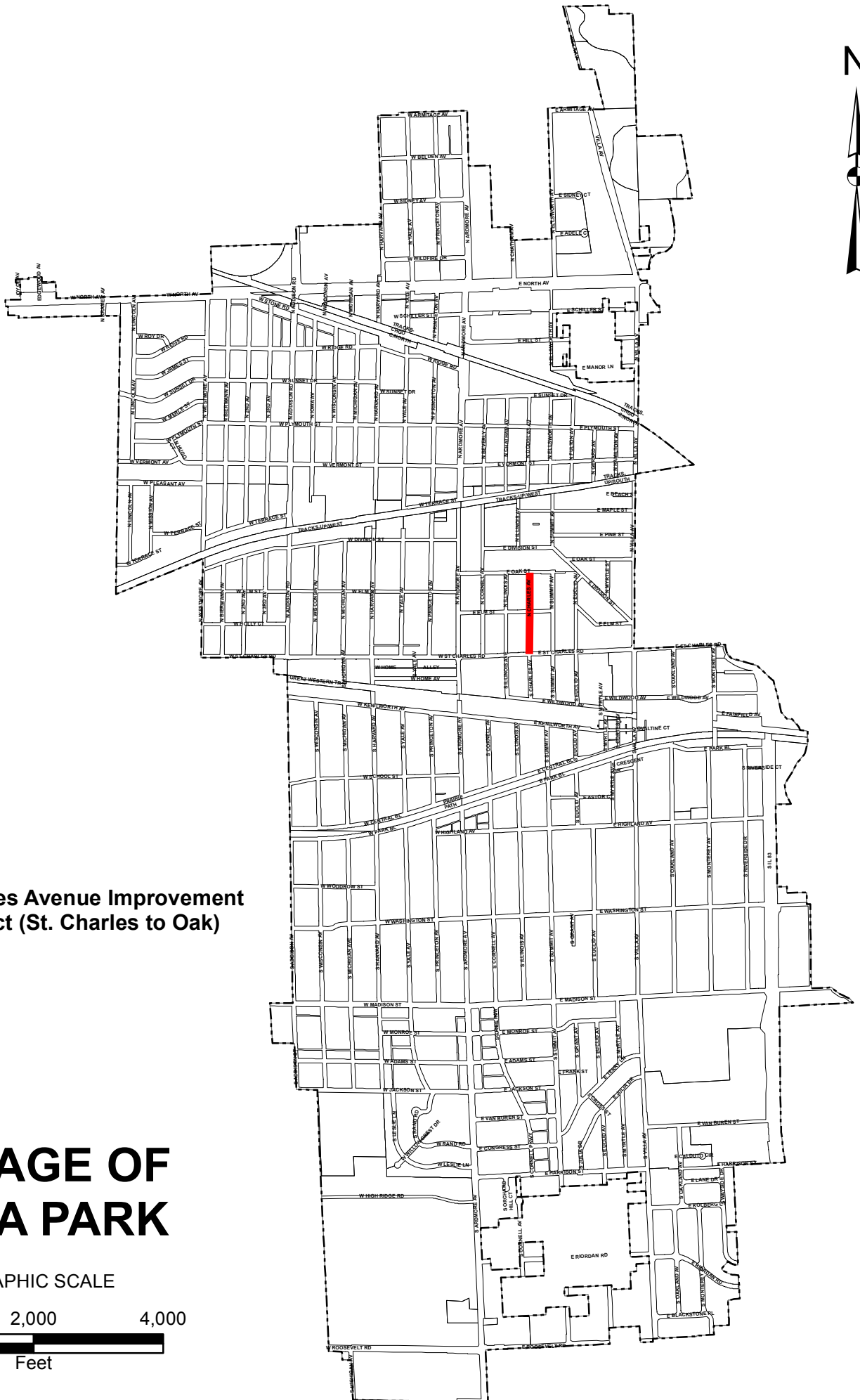
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	47,272	-	-	23,636	23,636	-	-	-
Water Supply Fund ¹	118,800	-	-	59,400	59,400	-	-	-
Wastewater Fund ¹	4,400	-	-	2,200	2,200	-	-	-
Engineering Subtotals	170,472	-	-	85,236	85,236	-	-	-

Construction / Building								
GO Bonds	236,364	-	-	-	236,364	-	-	-
Water Supply Fund ¹	594,000	-	-	-	594,000	-	-	-
Wastewater Fund ¹	22,000	-	-	-	22,000	-	-	-
Construction Subtotals	852,364	-	-	-	852,364	-	-	-

Funding Sources Subtotals								
GO Bonds	283,636	-	-	23,636	260,000	-	-	-
Water Supply Fund ¹	712,800	-	-	59,400	653,400	-	-	-
Wastewater Fund ¹	26,400	-	-	2,200	24,200	-	-	-
PROJECT TOTALS	1,022,836	-	-	85,236	937,600	-	-	-

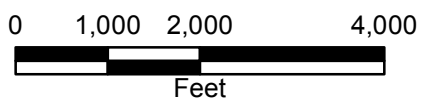
1. The Utility Sales Tax is expected to provide funding for these improvements



 Charles Avenue Improvement Project (St. Charles to Oak)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Stormwater Fund Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Charles Avenue Improvement Project (St. Charles to Oak)	
Objective:	To significantly improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with a new structurally sound pavement. To improve water system capacity and reliability by replacing the existing water main.
Description:	This project consists of the reconstruction of North Charles Avenue from St. Charles Road to Oak Street. The project includes combined sewer separation. The project also includes replacement of the existing 4" water main. Some selective sanitary sewer system improvements are also included.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. The existing 4" water main has insufficient capacity. The Illinois EPA Public Water Supply Loan Program (PWSLP) is expected to provide loan funding for the water main improvements.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	72,182	-	36,091	36,091	-	-	-	-
Stormwater Fund ¹	78,000	-	-	-	-	-	-	78,000
Water Supply Fund ³	111,000	-	55,500	55,500	-	-	-	-
Wastewater Fund ³	4,200	-	2,100	2,100	-	-	-	-
Sewer Separation ²	190,000	-	95,000	95,000	-	-	-	-
Engineering Subtotals	455,382	-	188,691	188,691	-	-	-	78,000

Construction / Building								
GO Bonds	360,910	-	-	360,910	-	-	-	-
Stormwater Fund ¹	390,000	-	-	-	-	-	-	390,000
Water Supply Fund ³	555,000	-	-	555,000	-	-	-	-
Wastewater Fund ³	21,000	-	-	21,000	-	-	-	-
Sewer Separation ²	950,000	-	-	950,000	-	-	-	-
Construction Subtotals	2,276,910	-	-	1,886,910	-	-	-	390,000

Funding Sources Subtotals								
GO Bonds	433,092	-	36,091	397,001	-	-	-	-
Stormwater Fund ¹	468,000	-	-	-	-	-	-	468,000
Water Supply Fund ³	666,000	-	55,500	610,500	-	-	-	-
Wastewater Fund ³	25,200	-	2,100	23,100	-	-	-	-
Sewer Separation ²	1,140,000	-	95,000	1,045,000	-	-	-	-
PROJECT TOTALS	2,732,292	-	188,691	2,075,601	-	-	-	468,000

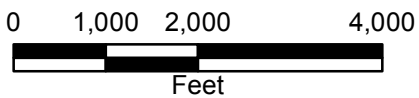
1. Project component is dependent upon securing funding
2. An IEPA loan to be repaid with future revenue will be needed for these improvements
3. The Utility Sales Tax is expected to provide funding for these improvements



 College Streets Improvement Project (Various Streets)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Street Improvement Fund GO Bonds Water Supply Fund Wastewater Fund IEPA Water Loan
Project Name: College Streets Improvement Project (Various Streets)	
Objective:	To improve water system capacity and reliability by replacing the existing water mains. To improve the condition of the roadway by means of selected pavement rehabilitation methods.
Description:	This project consists of the replacement of existing 4" and 6" water mains on North Iowa Avenue from Stone Road to Vermont Street, on North Michigan Avenue from Stone Road to Vermont Street, and on West Vermont Street from Wisconsin Avenue to Harvard Avenue. The project will also include pavement improvements on Iowa Avenue, Wisconsin Avenue, and Michigan Avenue.
Justification:	The existing water mains have a high incidence of water main breaks, and the existing 4" mains also have insufficient capacity. The Illinois EPA Public Water Supply Loan Program (PWSLP) is expected to provide loan funding for the water main improvements on Iowa Avenue, Michigan Avenue, and Vermont Street. This project is to be partially funded by voter approved bond proceeds.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Street Improvement Fund	24,000	5,000	19,000	-	-	-	-	-
GO Bonds	129,087	50,967	78,120	-	-	-	-	-
Water Supply Fund	2,000	-	2,000	-	-	-	-	-
Wastewater Fund ¹	3,500	-	3,500	-	-	-	-	-
IEPA Water Loan	420,750	196,350	224,400	-	-	-	-	-
Engineering Subtotals	579,337	252,317	327,020	-	-	-	-	-

Construction / Building								
Street Improvement Fund	190,000	-	190,000	-	-	-	-	-
GO Bonds	781,818	-	781,818	-	-	-	-	-
Water Supply Fund	20,000	-	20,000	-	-	-	-	-
Wastewater Fund ¹	35,000	-	35,000	-	-	-	-	-
IEPA Water Loan	2,244,000	-	2,244,000	-	-	-	-	-
Construction Subtotals	3,270,818	-	3,270,818	-	-	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	214,000	5,000	209,000	-	-	-	-	-
GO Bonds	910,905	50,967	859,938	-	-	-	-	-
Water Supply Fund	22,000	-	22,000	-	-	-	-	-
Wastewater Fund ¹	38,500	-	38,500	-	-	-	-	-
IEPA Water Loan	2,664,750	196,350	2,468,400	-	-	-	-	-
PROJECT TOTALS	3,850,155	252,317	3,597,838	-	-	-	-	-

1. The Utility Sales Tax is expected to provide funding for these improvements

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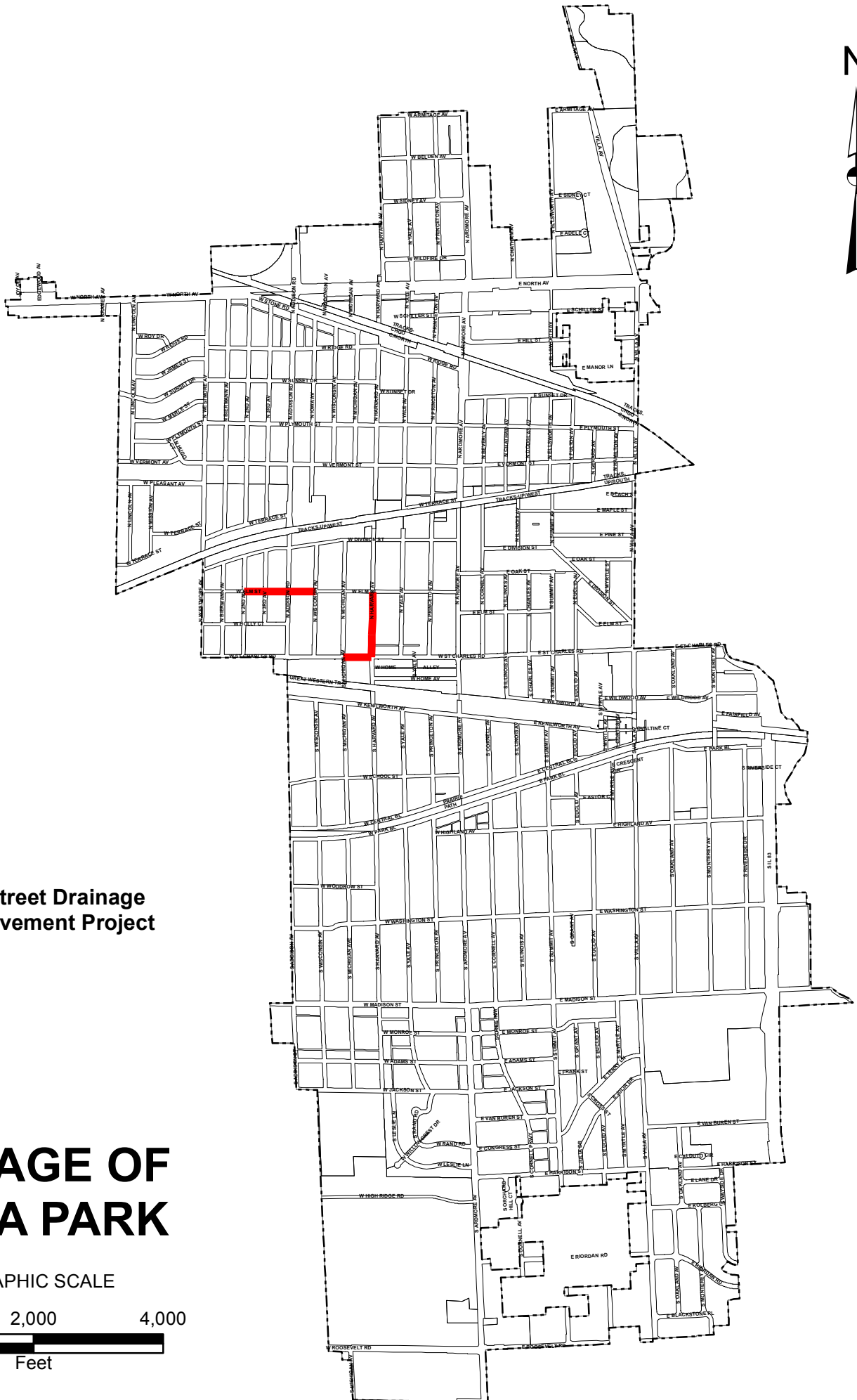
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund Private Funds
Project Name: Drainage Assistance Program	
Objective: To alleviate drainage issues throughout the Village.	
Description: This program consists of the construction of drainage structures and storm sewers to remove standing water from private properties and other areas throughout the Village. Engineering is typically performed in-house.	
Justification: Implementation of the Drainage Policy adopted by the Village Board. Property owners typically pay fifty percent (50%) of engineering and construction costs. The Village's portion is funded by storm water detention fees.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund	-	-	-	-	-	-	-	-
Private Funds	-	-	-	-	-	-	-	-
Engineering Subtotals	-	-	-	-	-	-	-	-

Construction / Building								
Stormwater Fund	100,000	-	20,000	20,000	20,000	20,000	20,000	-
Private Funds	100,000	-	20,000	20,000	20,000	20,000	20,000	-
Construction Subtotals	200,000	-	40,000	40,000	40,000	40,000	40,000	-

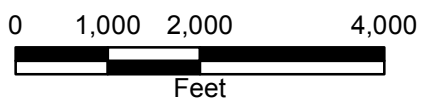
Funding Sources Subtotals								
Stormwater Fund	100,000	-	20,000	20,000	20,000	20,000	20,000	-
Private Funds	100,000	-	20,000	20,000	20,000	20,000	20,000	-
PROJECT TOTALS	200,000	-	40,000	40,000	40,000	40,000	40,000	-



 Elm Street Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund Sewer Separation
Project Name: Elm Street Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding and sewer backups by separating the existing combined sewer and by implementing stormwater improvements.	
Description: This project consists of combined sewer separation and stormwater improvements as recommended by the CBBEL flood control study.	
Justification: These projects were recommended by the 2015 Comprehensive Flood Plan and Storm Sewer System Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

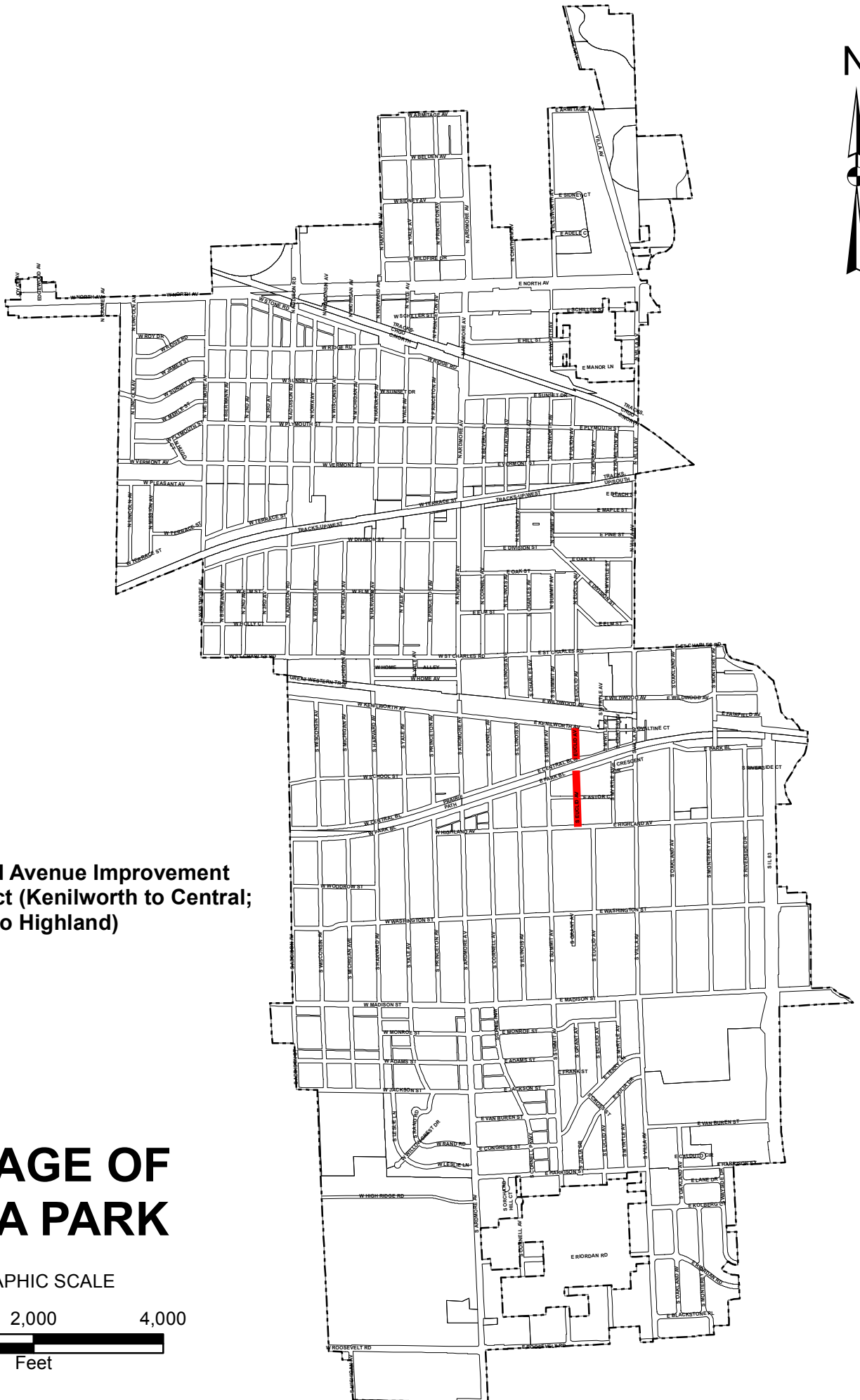
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	377,000	-	-	-	-	-	-	377,000
Sewer Separation ¹	322,000	-	-	-	-	161,000	161,000	-
Engineering Subtotals	699,000	-	-	-	-	161,000	161,000	377,000

Construction / Building								
Stormwater Fund ¹	2,093,000	-	-	-	-	-	-	2,093,000
Sewer Separation ¹	1,610,000	-	-	-	-	-	1,610,000	-
Construction Subtotals	3,703,000	-	-	-	-	-	1,610,000	2,093,000

Funding Sources Subtotals								
Stormwater Fund ¹	2,470,000	-	-	-	-	-	-	2,470,000
Sewer Separation ¹	1,932,000	-	-	-	-	161,000	1,771,000	-
PROJECT TOTALS	4,402,000	-	-	-	-	161,000	1,771,000	2,470,000

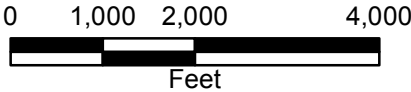
1. Project component is dependent upon securing funding



Euclid Avenue Improvement Project (Kenilworth to Central; Park to Highland)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund
Project Name: Euclid Avenue Improvement Project (Kenilworth to Central; Park to Highland)	
Objective:	To significantly improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with a new structurally sound pavement.
Description:	This project consists of the reconstruction of South Euclid Avenue from Kenilworth Avenue to Central Boulevard and from Park Boulevard to Highland Avenue. Some selective water system and sanitary sewer system improvements are also included.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services									
GO Bonds	94,700	47,350	47,350	-	-	-	-	-	-
Water Supply Fund	-	-	-	-	-	-	-	-	-
Wastewater Fund	-	-	-	-	-	-	-	-	-
Engineering Subtotals	94,700	47,350	47,350	-	-	-	-	-	-

Construction / Building									
GO Bonds	403,636	-	403,636	-	-	-	-	-	-
Water Supply Fund ¹	36,000	-	36,000	-	-	-	-	-	-
Wastewater Fund ¹	22,000	-	22,000	-	-	-	-	-	-
Construction Subtotals	461,636	-	461,636	-	-	-	-	-	-

Funding Sources Subtotals									
GO Bonds	498,336	47,350	450,986	-	-	-	-	-	-
Water Supply Fund ¹	36,000	-	36,000	-	-	-	-	-	-
Wastewater Fund ¹	22,000	-	22,000	-	-	-	-	-	-
PROJECT TOTALS	556,336	47,350	508,986	-	-	-	-	-	-

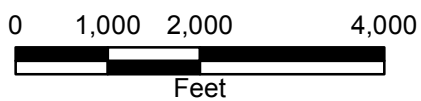
1. The Utility Sales Tax is expected to provide funding for these improvements



Euclid Avenue Improvement Project (Washington to Madison)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Euclid Avenue Improvement Project (Washington to Madison)	
Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods.	
Description: This project consists of pavement improvements on South Euclid Avenue from Washington Street to Madison Street. The project includes combined sewer separation. Some selective water system and sanitary sewer system improvements are also included. The combined sewer separation proposed as a part of this project cannot be completed until other portions of the Washington Area Combined Sewer Separation Project have been completed.	
Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	59,636	-	-	29,818	29,818	-	-	-
Water Supply Fund ²	7,000	-	-	3,500	3,500	-	-	-
Wastewater Fund ²	4,334	-	-	2,167	2,167	-	-	-
Sewer Separation ¹	88,000	-	-	44,000	44,000	-	-	-
Engineering Subtotals	158,970	-	-	79,485	79,485	-	-	-

Construction / Building								
GO Bonds	298,182	-	-	-	298,182	-	-	-
Water Supply Fund ²	35,000	-	-	-	35,000	-	-	-
Wastewater Fund ²	21,666	-	-	-	21,666	-	-	-
Sewer Separation ¹	441,000	-	-	-	441,000	-	-	-
Construction Subtotals	795,848	-	-	-	795,848	-	-	-

Funding Sources Subtotals								
GO Bonds	357,818	-	-	29,818	328,000	-	-	-
Water Supply Fund ²	42,000	-	-	3,500	38,500	-	-	-
Wastewater Fund ²	26,000	-	-	2,167	23,833	-	-	-
Sewer Separation ¹	529,000	-	-	44,000	485,000	-	-	-
PROJECT TOTALS	954,818	-	-	79,485	875,333	-	-	-

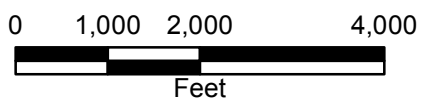
1. An IEPA loan to be repaid with future revenue will be needed for these improvements
2. The Utility Sales Tax is expected to provide funding for these improvements



Great Western Trail Lighting Expansion Project (Harvard Avenue to west Village corporate limits)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



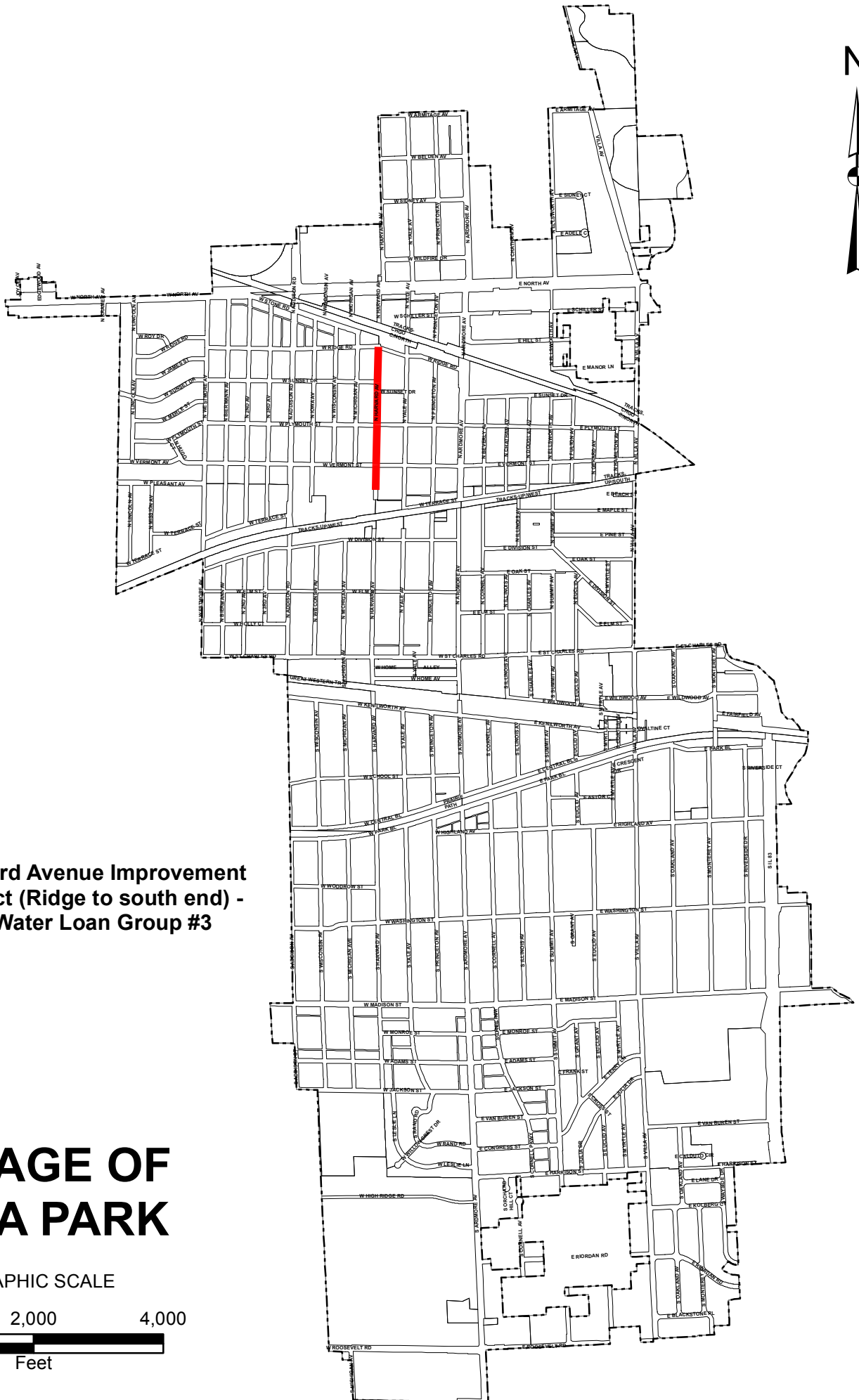
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Capital Projects Fund
Project Name: Great Western Trail Lighting Expansion Project (Harvard Avenue to west Village corporate limits)	
Objective: To improve the safety of pedestrians and cyclists on the Great Western Trail.	
Description: This project consists of the installation of pedestrian trail lighting on the Great Western Trail from Harvard Avenue to the west Village corporate limits.	
Justification: Pedestrian lighting has been constructed on the full length of the Great Western Trail with the exception of the portion from Harvard Avenue to the west Village corporate limits. This project would provide pedestrian lighting in the remaining portion.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Capital Projects Fund	22,000	-	-	-	-	-	-	22,000
Engineering Subtotals	22,000	-	-	-	-	-	-	22,000

Construction / Building								
Capital Projects Fund	175,946	55,946	-	-	-	-	-	120,000
Construction Subtotals	175,946	55,946	-	-	-	-	-	120,000

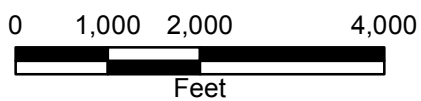
Funding Sources Subtotals								
Capital Projects Fund	197,946	55,946	-	-	-	-	-	142,000
PROJECT TOTALS	197,946	55,946	-	-	-	-	-	142,000



 Harvard Avenue Improvement Project (Ridge to south end) - IEPA Water Loan Group #3

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Wastewater Fund
Project Name: Harvard Avenue Improvement Project (Ridge to south end) - IEPA Water Loan Group #3	
Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods. To improve water system capacity and reliability by replacing the existing undersized water main.	
Description: This project consists of the rehabilitation of North Harvard Avenue from Ridge Road to the south end (Jefferson Park). The project also includes replacement of the existing 4" water main from Sunset Drive to the south end. The water main improvements are expected to be completed as part of an IEPA Water Loan. Some selective sanitary sewer system improvements are also included. See IEPA Water Loan Group #3 for additional expenses.	
Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	124,000	-	-	62,000	62,000	-	-	-
Wastewater Fund ¹	7,200	-	-	3,600	3,600	-	-	-
Engineering Subtotals	131,200	-	-	65,600	65,600	-	-	-

Construction / Building								
GO Bonds	618,182	-	-	-	618,182	-	-	-
Wastewater Fund ¹	36,000	-	-	-	36,000	-	-	-
Construction Subtotals	654,182	-	-	-	654,182	-	-	-

Funding Sources Subtotals								
GO Bonds	742,182	-	-	62,000	680,182	-	-	-
Wastewater Fund ¹	43,200	-	-	3,600	39,600	-	-	-
PROJECT TOTALS	785,382	-	-	65,600	719,782	-	-	-

1. The Utility Sales Tax is expected to provide funding for these improvements

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VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): IEPA Wastewater Loan
Project Name: IEPA Wastewater Loan Projects	
Objective: To improve the condition of the Village's wastewater infrastructure.	
Description: These projects consists of selected improvements to the Village's wastewater infrastructure, and include sewer lining, manhole rehabilitation, sewer point repairs, and various other methods.	
Justification: These improvements were identified in the Village's Sanitary Sewer Master Plan in February 2008. Loan funding for these projects would be provided by low interest loans made available through the Illinois EPA Water Pollution Control Loan Program (WPCLP). The proposed improvements should reduce inflow and infiltration (I/I). The wastewater rate study identified the IEPA loans as the expected funding source for these projects.	


Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
IEPA Wastewater Loan	383,676	103,990	119,686	80,000	80,000	-	-	-
Engineering Subtotals	383,676	103,990	119,686	80,000	80,000	-	-	-

Construction / Building								
IEPA Wastewater Loan	1,996,860	-	1,196,860	-	800,000	-	-	-
Construction Subtotals	1,996,860	-	1,196,860	-	800,000	-	-	-

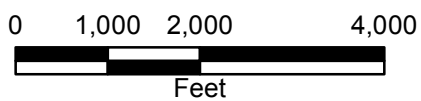
Funding Sources Subtotals								
IEPA Wastewater Loan	2,380,536	103,990	1,316,546	80,000	880,000	-	-	-
PROJECT TOTALS	2,380,536	103,990	1,316,546	80,000	880,000	-	-	-



 **IEPA Water Loan Group #3**
(Harvard, Ridge to south end;
Myrtle, Madison to Terry)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



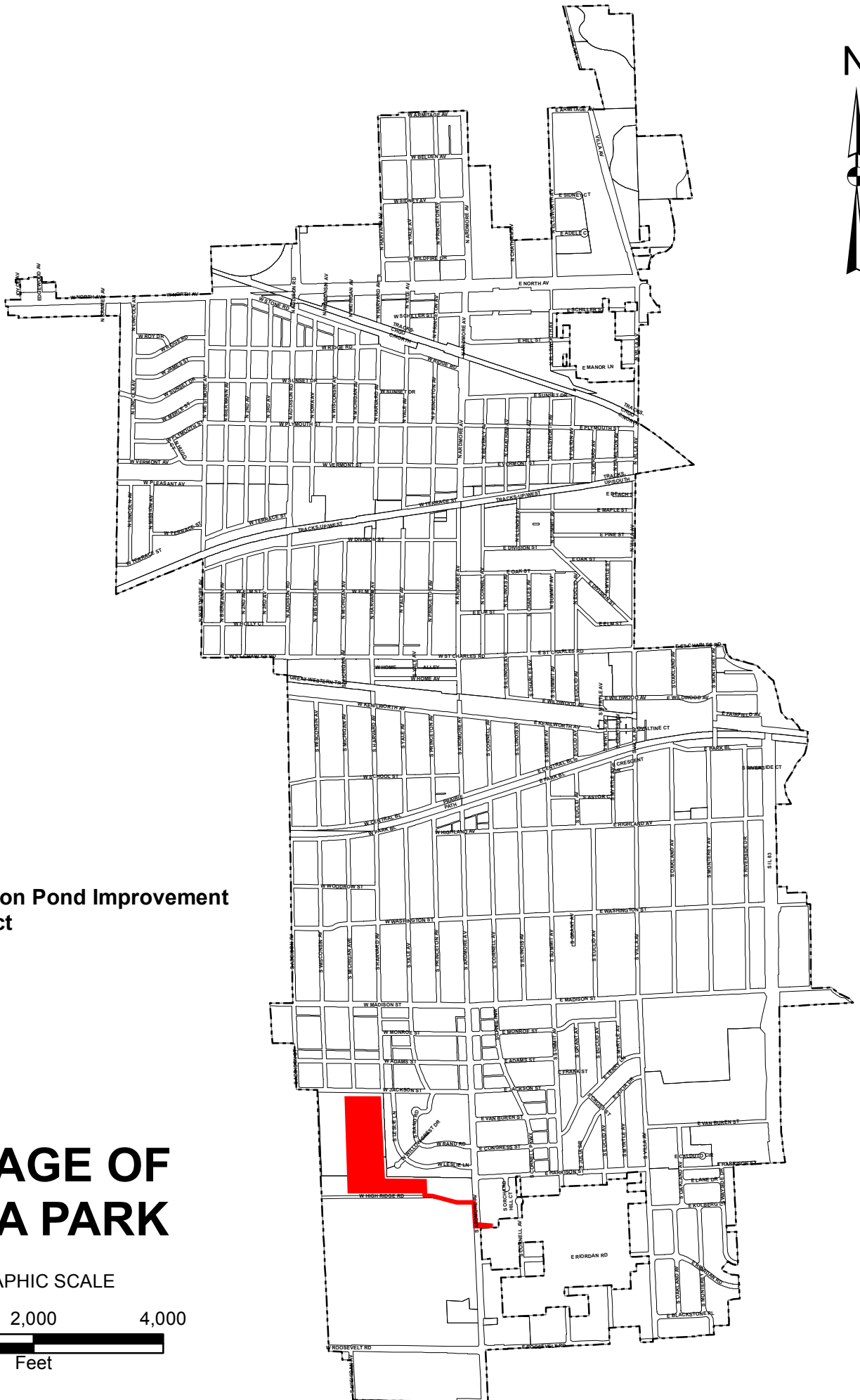
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): IEPA Water Loan
Project Name: IEPA Water Loan Group #3 (Harvard, Ridge to south end; Myrtle, Madison to Terry)	
Objective: To improve water system capacity and reliability by replacing the existing water mains.	
Description: This project consists of various improvements to the Village's water infrastructure. The project is expected to include water main replacement on North Harvard Avenue from Sunset Drive to the south end (Jefferson Park) and on South Myrtle Avenue from Madison Street to Terry Lane. Road and other improvements are programmed separately.	
Justification: The existing water mains have a high incidence of water main breaks, and the existing 4" mains also have insufficient capacity. The Illinois EPA Public Water Supply Loan Program (PWSLP) is expected to provide loan funding for the water main improvements.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
IEPA Water Loan	232,570	10,570	111,000	111,000	-	-	-	-
Engineering Subtotals	232,570	10,570	111,000	111,000	-	-	-	-

Construction / Building								
IEPA Water Loan	1,110,000	-	-	1,110,000	-	-	-	-
Construction Subtotals	1,110,000	-	-	1,110,000	-	-	-	-

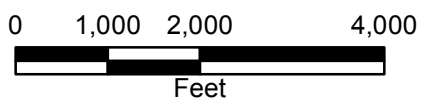
Funding Sources Subtotals								
IEPA Water Loan	1,342,570	10,570	111,000	1,221,000	-	-	-	-
PROJECT TOTALS	1,342,570	10,570	111,000	1,221,000	-	-	-	-



 Jackson Pond Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund CDBG-DR Grant
Project Name: Jackson Pond Improvement Project	
Objective: To expand the Jackson Pond stormwater detention basin to lessen the frequency and severity of area flooding. The stormwater improvements are a portion of a larger project identified in the V3 Sugar Creek Basin Flood Control Study.	
Description: This project consists of the expansion of the Jackson Pond stormwater detention basin. The project also includes the installation of storm sewers which would be tributary to the expanded detention basin.	
Justification: The expansion of the Jackson Pond stormwater detention basin was proposed by the 2015 Sugar Creek Watershed Drainage Improvement Project Conceptual Design Report prepared by V3 Companies of Illinois.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ^{1 2}	1,024,619	240,319	406,800	181,500	196,000	-	-	-
CDBG-DR Grant	-	-	-	-	-	-	-	-
Engineering Subtotals	1,024,619	240,319	406,800	181,500	196,000	-	-	-

Construction / Building								
Stormwater Fund ^{1 2}	5,118,804	743,804	600,000	1,815,000	1,960,000	-	-	-
CDBG-DR Grant	550,000	550,000	-	-	-	-	-	-
Construction Subtotals	5,668,804	1,293,804	600,000	1,815,000	1,960,000	-	-	-

Funding Sources Subtotals								
Stormwater Fund ^{1 2}	6,143,423	984,123	1,006,800	1,996,500	2,156,000	-	-	-
CDBG-DR Grant	550,000	550,000	-	-	-	-	-	-
PROJECT TOTALS	6,693,423	1,534,123	1,006,800	1,996,500	2,156,000	-	-	-

1. A loan will be needed for these improvements
2. Estimated stormwater expenditures currently reflect cost estimates for previous versions of this project. Estimated expenditures are expected to be revised.

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Wastewater Fund
Project Name: Jackson Street Improvement Project (Addison to Yale)	
Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods.	
Description: This project consists of the rehabilitation of West Jackson Street from Addison Avenue to Yale Avenue by means of selected pavement rehabilitation methods. Some selective sanitary sewer system improvements are also included.	
Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.	

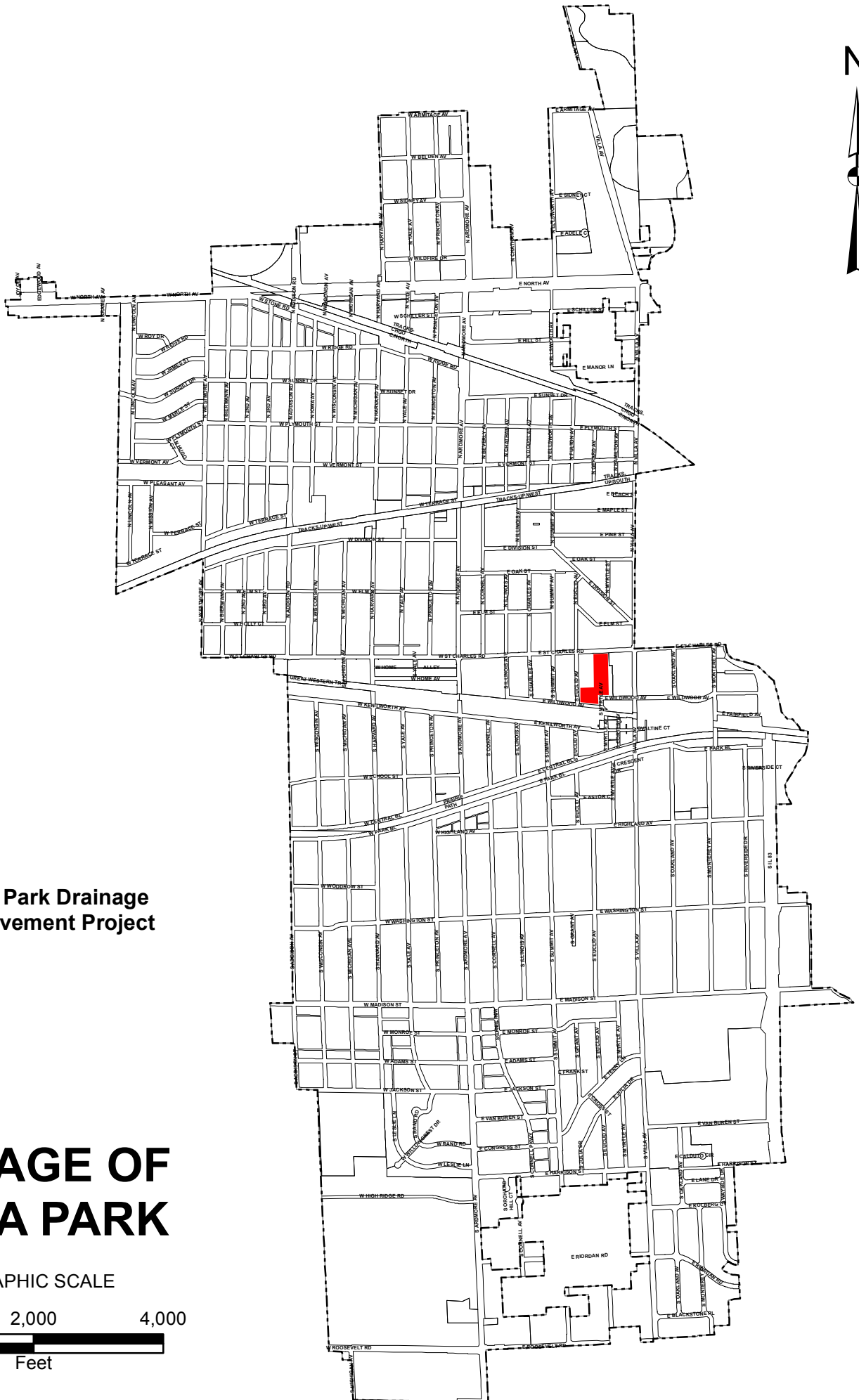
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	32,728	-	16,364	16,364	-	-	-	-
Wastewater Fund ¹	6,600	-	3,300	3,300	-	-	-	-
Engineering Subtotals	39,328	-	19,664	19,664	-	-	-	-

Construction / Building								
GO Bonds	163,636	-	-	163,636	-	-	-	-
Wastewater Fund ¹	33,000	-	-	33,000	-	-	-	-
Construction Subtotals	196,636	-	-	196,636	-	-	-	-

Funding Sources Subtotals								
GO Bonds	196,364	-	16,364	180,000	-	-	-	-
Wastewater Fund ¹	39,600	-	3,300	36,300	-	-	-	-
PROJECT TOTALS	235,964	-	19,664	216,300	-	-	-	-

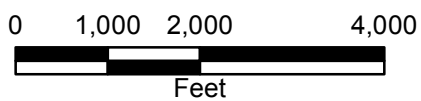
1. The Utility Sales Tax is expected to provide funding for these improvements



 Lions Park Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Lions Park Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements as recommended by the CBBEL flood control study.	
Justification: These projects were recommended by the 2015 Comprehensive Flood Plan and Storm Sewer Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	35,800	-	-	-	-	-	-	35,800
Engineering Subtotals	35,800	-	-	-	-	-	-	35,800

Construction / Building								
Stormwater Fund ¹	179,000	-	-	-	-	-	-	179,000
Construction Subtotals	179,000	-	-	-	-	-	-	179,000

Funding Sources Subtotals								
Stormwater Fund ¹	214,800	-	-	-	-	-	-	214,800
PROJECT TOTALS	214,800	-	-	-	-	-	-	214,800

1. Project component is dependent upon securing funding

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Lufkin Pond Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements as recommended by the V3 Sugar Creek Basin Flood Control Study.	
Justification: These projects were recommended by the 2015 Sugar Creek Watershed Drainage Improvement Project Conceptual Design Report prepared by V3 Companies of Illinois.	

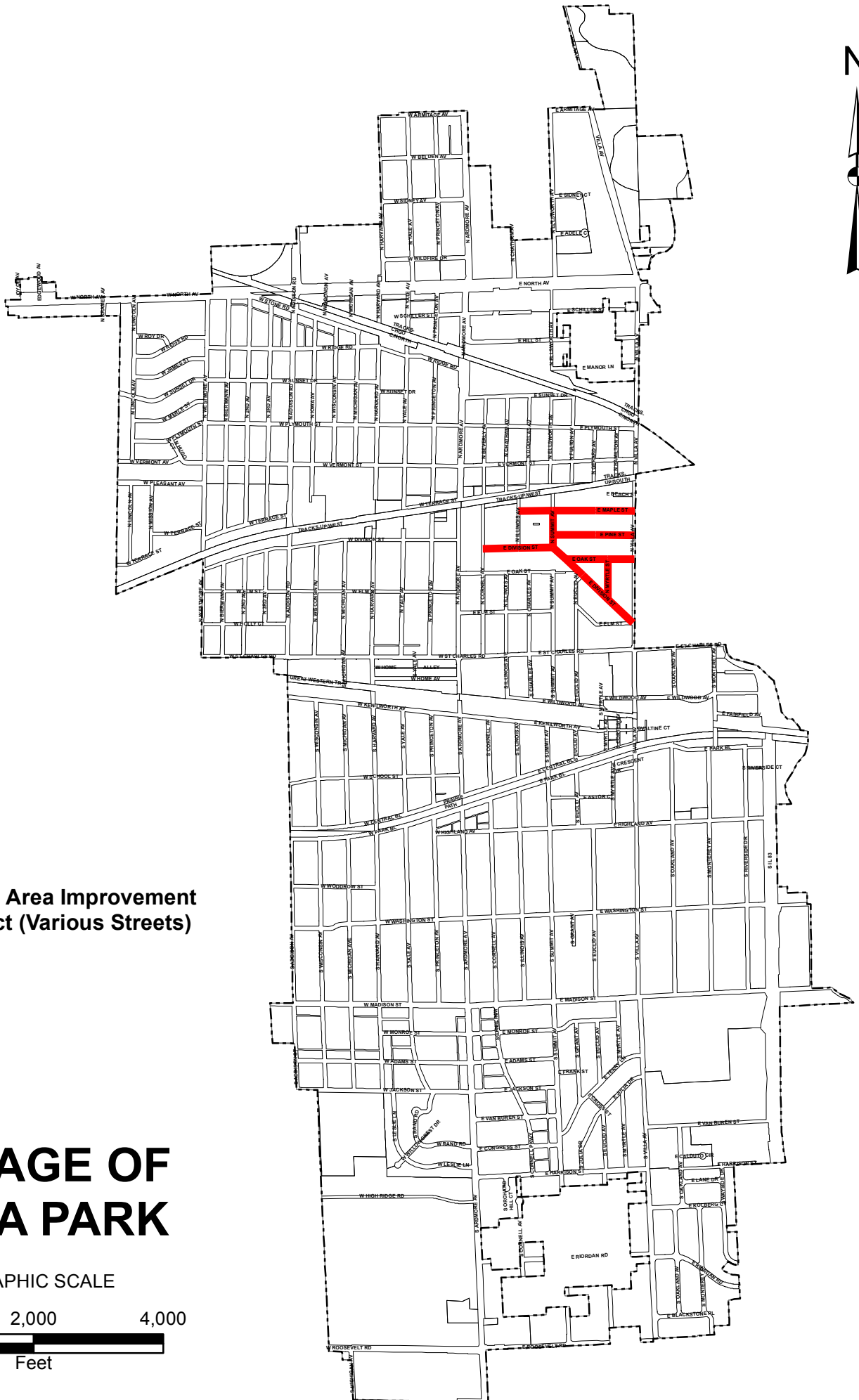
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	101,000	-	-	-	-	-	-	101,000
Engineering Subtotals	101,000	-	-	-	-	-	-	101,000

Construction / Building								
Stormwater Fund ¹	564,000	-	-	-	-	-	-	564,000
Construction Subtotals	564,000	-	-	-	-	-	-	564,000

Funding Sources Subtotals								
Stormwater Fund ¹	665,000	-	-	-	-	-	-	665,000
PROJECT TOTALS	665,000	-	-	-	-	-	-	665,000

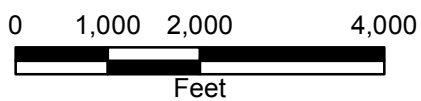
1. Project component is dependent upon securing funding



 Maple Area Improvement Project (Various Streets)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

Fund(s) / Department(s):
Street Improvement Fund
GO Bonds
Stormwater Fund
Water Supply Fund
Wastewater Fund
Sewer Separation

NEW

Project Name: Maple Area Improvement Project (Various Streets)

Objective: To improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with new, structurally sound pavement. The separation of the existing combined sewers will reduce the frequency and severity of flooding and sewer backups.

Description: This project consists of pavement improvements on Division from Cornell to Villa, Maple from Illinois to Villa, Myrtle from Division to Oak, Oak from Division to Villa, Pine from Summit to Villa, and Summit from Division to Maple. The project includes combined sewer separation, and some selective water system and sanitary sewer system improvements. The project also includes potential stormwater improvements in future years.

Justification: The Village's pavement management program has determined that the condition of the streets has deteriorated to the point that rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. Several streets have been identified as high priorities for combined sewer separation.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Street Improvement Fund	33,295	8,324	8,324	16,647	-	-	-	-
GO Bonds	264,604	64,139	64,139	136,326	-	-	-	-
Stormwater Fund ¹	269,036	16,768	16,768	78,500	-	-	-	157,000
Water Supply Fund ³	34,732	8,683	8,683	17,366	-	-	-	-
Wastewater Fund ³	26,343	6,586	6,586	13,171	-	-	-	-
Sewer Separation ²	290,900	71,000	71,000	148,900	-	-	-	-
Engineering Subtotals	918,910	175,500	175,500	410,910	-	-	-	157,000

Construction / Building								
Street Improvement Fund	49,472	-	-	49,472	-	-	-	-
GO Bonds	1,363,258	-	-	1,363,258	-	-	-	-
Stormwater Fund ¹	870,000	-	-	-	-	-	-	870,000
Water Supply Fund ³	173,661	-	-	173,661	-	-	-	-
Wastewater Fund ³	131,705	-	-	131,705	-	-	-	-
Sewer Separation ²	1,481,000	-	-	1,481,000	-	-	-	-
Construction Subtotals	4,069,096	-	-	3,199,096	-	-	-	870,000

Funding Sources Subtotals								
Street Improvement Fund	82,767	8,324	8,324	66,119	-	-	-	-
GO Bonds	1,627,862	64,139	64,139	1,499,584	-	-	-	-
Stormwater Fund ¹	1,139,036	16,768	16,768	78,500	-	-	-	1,027,000
Water Supply Fund ³	208,393	8,683	8,683	191,027	-	-	-	-
Wastewater Fund ³	158,048	6,586	6,586	144,876	-	-	-	-
Sewer Separation ²	1,771,900	71,000	71,000	1,629,900	-	-	-	-
PROJECT TOTALS	4,988,006	175,500	175,500	3,610,006	-	-	-	1,027,000

1. Project component is dependent upon securing funding
2. An IEPA loan to be repaid with future revenue will be needed for these improvements
3. The Utility Sales Tax is expected to provide funding for these improvements

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund Sewer Separation IEPA Water Loan
Project Name: Michigan Avenue Improvement Project (Kenilworth to Central)	
Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods.	
Description: This project consists of pavement improvements on South Michigan Avenue from Kenilworth Avenue to Central Boulevard. The project includes combined sewer separation. Some selective water system and sanitary sewer system improvements are also included. The future water main is expected to be funded by the Illinois EPA Public Water Supply Loan Program. The water main would be a continuation of a 10-inch western "backbone" for the water system.	
Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services									
GO Bonds	79,555	38,919	40,636	-	-	-	-	-	-
Water Supply Fund ²	21,900	-	21,900	-	-	-	-	-	-
Wastewater Fund ²	3,100	-	3,100	-	-	-	-	-	-
Sewer Separation ¹	91,186	49,686	41,500	-	-	-	-	-	-
IEPA Water Loan	177,000	-	-	-	-	-	-	-	177,000
Engineering Subtotals	372,741	88,605	107,136	-	-	-	-	-	177,000

Construction / Building									
GO Bonds	406,364	-	406,364	-	-	-	-	-	-
Water Supply Fund ²	219,000	-	219,000	-	-	-	-	-	-
Wastewater Fund ²	31,000	-	31,000	-	-	-	-	-	-
Sewer Separation ¹	415,000	-	415,000	-	-	-	-	-	-
IEPA Water Loan	981,000	-	-	-	-	-	-	-	981,000
Construction Subtotals	2,052,364	-	1,071,364	-	-	-	-	-	981,000

Funding Sources Subtotals									
GO Bonds	485,919	38,919	447,000	-	-	-	-	-	-
Water Supply Fund ²	240,900	-	240,900	-	-	-	-	-	-
Wastewater Fund ²	34,100	-	34,100	-	-	-	-	-	-
Sewer Separation ¹	506,186	49,686	456,500	-	-	-	-	-	-
IEPA Water Loan	1,158,000	-	-	-	-	-	-	-	1,158,000
PROJECT TOTALS	2,425,105	88,605	1,178,500	-	-	-	-	-	1,158,000

1. An IEPA loan to be repaid with future revenue will be needed for these improvements
2. The Utility Sales Tax is expected to provide funding for these improvements

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Street Improvement Fund GO Bonds Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Monterey Avenue Improvement Project (Park to Washington)	
Objective:	To improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with a new, structurally sound pavement. To reduce the frequency and severity of flooding and sewer backups by separating the existing combined sewer.
Description:	This project consists of pavement improvements on South Monterey Avenue from Washington Street to Park Boulevard and on Highland Avenue from Monterey Avenue to Riverside Drive. The project includes combined sewer separation on Highland Avenue from Monterey Avenue to Riverside Drive and on Monterey Avenue from Washington Street to Park Boulevard. Some selective water system and sanitary system improvements are included. Future phases of combined sewer separation are proposed as a part of the Washington Area Combined Sewer Separation Project.
Justification:	The Village's pavement management program has determined that the condition of the street on Monterey Avenue has deteriorated to the point that pavement rehabilitation is needed. The roadway improvements are to be partially funded by voter approved bond proceeds. The sewer separation was recommended by the 2015 Comprehensive Flood Plan and Storm Sewer System Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Street Improvement Fund	17,200	-	17,200	-	-	-	-	-
GO Bonds	146,722	76,612	70,110	-	-	-	-	-
Water Supply Fund ²	6,400	-	6,400	-	-	-	-	-
Wastewater Fund ²	3,900	-	3,900	-	-	-	-	-
Sewer Separation ¹	384,378	116,478	267,900	-	-	-	-	-
Engineering Subtotals	558,600	193,090	365,510	-	-	-	-	-

Construction / Building								
Street Improvement Fund	172,000	-	172,000	-	-	-	-	-
GO Bonds	701,100	-	701,100	-	-	-	-	-
Water Supply Fund ²	64,000	-	64,000	-	-	-	-	-
Wastewater Fund ²	39,000	-	39,000	-	-	-	-	-
Sewer Separation ¹	2,679,000	-	2,679,000	-	-	-	-	-
Construction Subtotals	3,655,100	-	3,655,100	-	-	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	189,200	-	189,200	-	-	-	-	-
GO Bonds	847,822	76,612	771,210	-	-	-	-	-
Water Supply Fund ²	70,400	-	70,400	-	-	-	-	-
Wastewater Fund ²	42,900	-	42,900	-	-	-	-	-
Sewer Separation ¹	3,063,378	116,478	2,946,900	-	-	-	-	-
PROJECT TOTALS	4,213,700	193,090	4,020,610	-	-	-	-	-

1. An IEPA loan to be repaid with future revenue will be needed for these improvements
2. The Utility Sales Tax is expected to provide funding for these improvements

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds
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Project Name: Myrtle Avenue Improvement Project (Madison to Terry) - IEPA Water Loan Group #3	
Objective:	To improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with new, structurally sound pavement. To improve water system capacity and reliability by replacing the existing water main.
Description:	This project consists of the rehabilitation of South Myrtle Avenue from Madison Street to Terry Lane. The project includes replacement of the existing 6" water main. The water main improvements are expected to be completed as part of an IEPA Water Loan. See IEPA Water Loan Group #3 for additional expenses.
Justification:	The Village's pavement management program has determined that the condition of this street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. The water main has a high incidence of water main breaks.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	24,908	12,454	12,454	-	-	-	-	-
Engineering Subtotals	24,908	12,454	12,454	-	-	-	-	-

Construction / Building								
GO Bonds	124,544	-	-	124,544	-	-	-	-
Construction Subtotals	124,544	-	-	124,544	-	-	-	-

Funding Sources Subtotals								
GO Bonds	149,452	12,454	12,454	124,544	-	-	-	-
PROJECT TOTALS	149,452	12,454	12,454	124,544	-	-	-	-

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): North Avenue TIF
Project Name: North Avenue and Ardmore Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements in the vicinity of North Avenue and Ardmore Avenue as recommended by the CBBEL Flood Control Study.	
Justification: This project was recommended by the 2015 Comprehensive Flood Plan and Storm Sewer System Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
North Avenue TIF	430,225	290,225	140,000	-	-	-	-	-
Engineering Subtotals	430,225	290,225	140,000	-	-	-	-	-

Construction / Building								
North Avenue TIF	1,400,000	-	1,400,000	-	-	-	-	-
Construction Subtotals	1,400,000	-	1,400,000	-	-	-	-	-

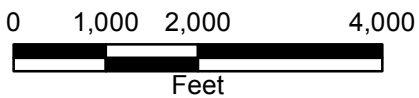
Funding Sources Subtotals								
North Avenue TIF	1,830,225	290,225	1,540,000	-	-	-	-	-
PROJECT TOTALS	1,830,225	290,225	1,540,000	-	-	-	-	-



 **Ovaltine Pond Drainage Improvement Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Ovaltine Pond Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements as recommended by the CBBEL flood control study.	
Justification: These projects were recommended by the 2015 Comprehensive Flood Plan and Storm Sewer Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

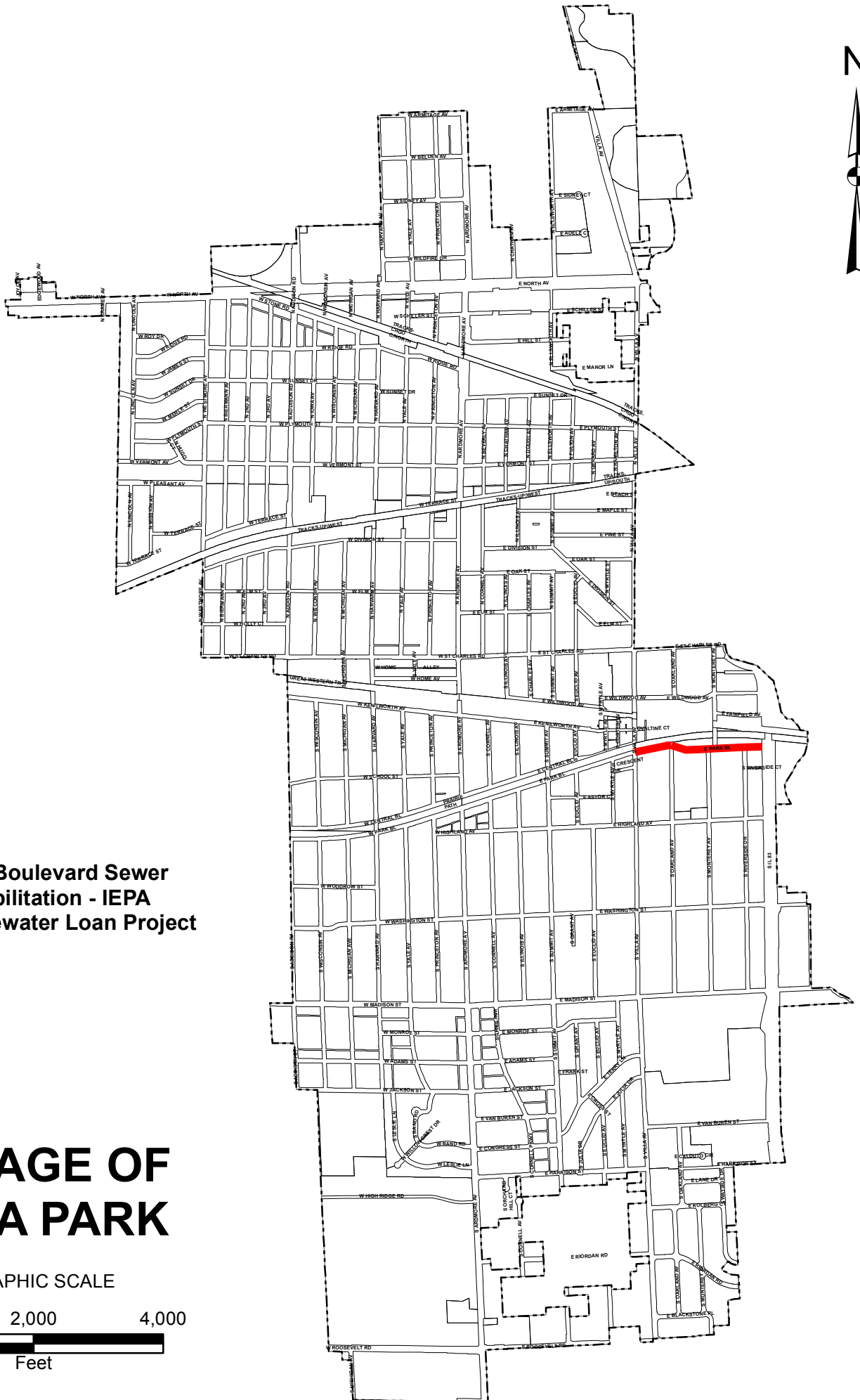
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	56,966	-	-	-	-	-	-	56,966
Engineering Subtotals	56,966	-	-	-	-	-	-	56,966

Construction / Building								
Stormwater Fund ¹	284,830	-	-	-	-	-	-	284,830
Construction Subtotals	284,830	-	-	-	-	-	-	284,830

Funding Sources Subtotals								
Stormwater Fund ¹	341,796	-	-	-	-	-	-	341,796
PROJECT TOTALS	341,796	-	-	-	-	-	-	341,796

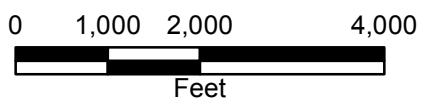
1. Project component is dependent upon securing funding



 Park Boulevard Sewer Rehabilitation - IEPA Wastewater Loan Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): IEPA Wastewater Loan
Project Name: Park Boulevard Sewer Rehabilitation - IEPA Wastewater Loan Project	
Objective: To improve the condition of the Village's wastewater infrastructure.	
Description: This project consists of the structural lining of the segmented tile combined sewer main on East Park Boulevard from Villa Avenue to the east end.	
Justification: Loan funding for this project would be provided by a low interest loan made available through the Illinois EPA Water Pollution Control Loan Program (WPCLP). The proposed improvements would reduce the likelihood of a structural failure of the sewer and should also reduce inflow and infiltration (I/I).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
IEPA Wastewater Loan ¹	275,600	-	-	137,800	137,800	-	-	-
Engineering Subtotals	275,600	-	-	137,800	137,800	-	-	-

Construction / Building								
IEPA Wastewater Loan ¹	2,756,000	-	-	-	2,756,000	-	-	-
Construction Subtotals	2,756,000	-	-	-	2,756,000	-	-	-

Funding Sources Subtotals								
IEPA Wastewater Loan ¹	3,031,600	-	-	137,800	2,893,800	-	-	-
PROJECT TOTALS	3,031,600	-	-	137,800	2,893,800	-	-	-

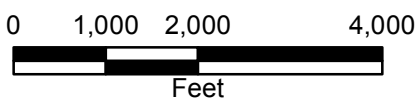
1. Project component is dependent upon securing funding



 Princeton Avenue Improvement Project (Union Pacific Railroad to Elm)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund Sewer Separation CDBG Grant
Project Name: Princeton Avenue Improvement Project (Union Pacific Railroad to Elm)	
Objective:	To improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with a new, structurally sound pavement. To reduce the frequency and severity of flooding and sewer backups by separating the existing combined sewer. To improve water system capacity and reliability by replacing a portion of the existing water main.
Description:	This project consists of the reconstruction of North Princeton Avenue from Elm Street to the Union Pacific Railroad. The project includes combined sewer separation. The project includes the replacement of a portion of the existing water main in the section between Division Street and the Union Pacific Railroad. Some selective water system and sanitary sewer system improvements are also included.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. A grant is expected under the Community Development Block Grant (CDBG) Program for funding of a portion of the combined sewer separation construction.

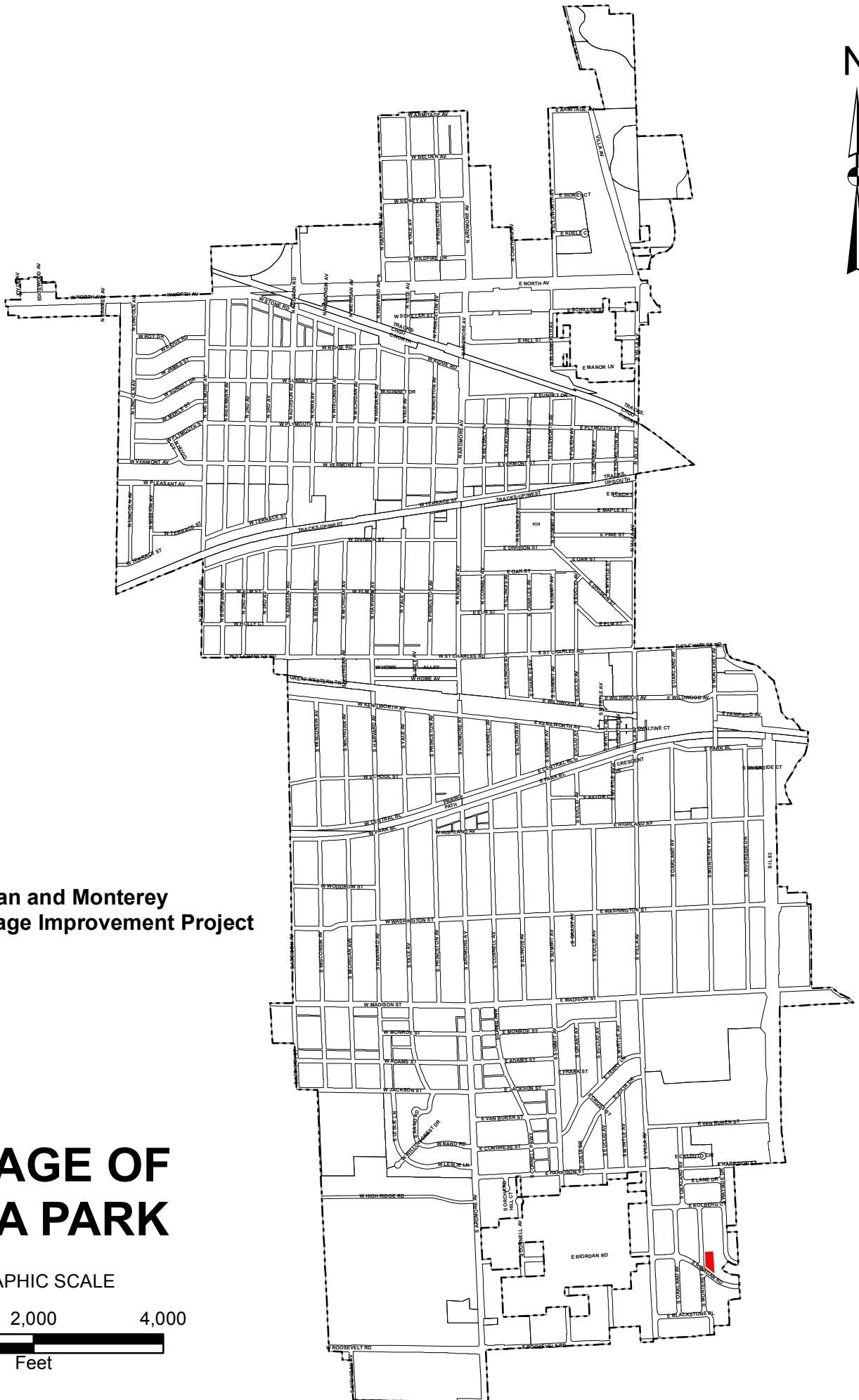
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	51,000	51,000	-	-	-	-	-	-
Water Supply Fund ¹	14,965	14,965	-	-	-	-	-	-
Wastewater Fund ¹	4,000	4,000	-	-	-	-	-	-
Sewer Separation ¹	81,755	81,755	-	-	-	-	-	-
CDBG Grant	-	-	-	-	-	-	-	-
Engineering Subtotals	151,720	151,720	-	-	-	-	-	-

Construction / Building								
GO Bonds	315,000	315,000	-	-	-	-	-	-
Water Supply Fund ¹	94,644	94,644	-	-	-	-	-	-
Wastewater Fund ¹	20,000	20,000	-	-	-	-	-	-
Sewer Separation ¹	158,549	158,549	-	-	-	-	-	-
CDBG Grant	300,000	300,000	-	-	-	-	-	-
Construction Subtotals	888,193	888,193	-	-	-	-	-	-

Funding Sources Subtotals								
GO Bonds	366,000	366,000	-	-	-	-	-	-
Water Supply Fund ¹	109,609	109,609	-	-	-	-	-	-
Wastewater Fund ¹	24,000	24,000	-	-	-	-	-	-
Sewer Separation ¹	240,304	240,304	-	-	-	-	-	-
CDBG Grant	300,000	300,000	-	-	-	-	-	-
PROJECT TOTALS	1,039,913	1,039,913	-	-	-	-	-	-

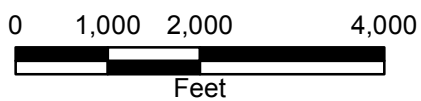
1. The Utility Sales Tax is expected to provide funding for these improvements



**Riordan and Monterey
Drainage Improvement Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Riordan and Monterey Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Justification: These projects were recommended by the 2015 Comprehensive Flood Plan and Storm Sewer Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

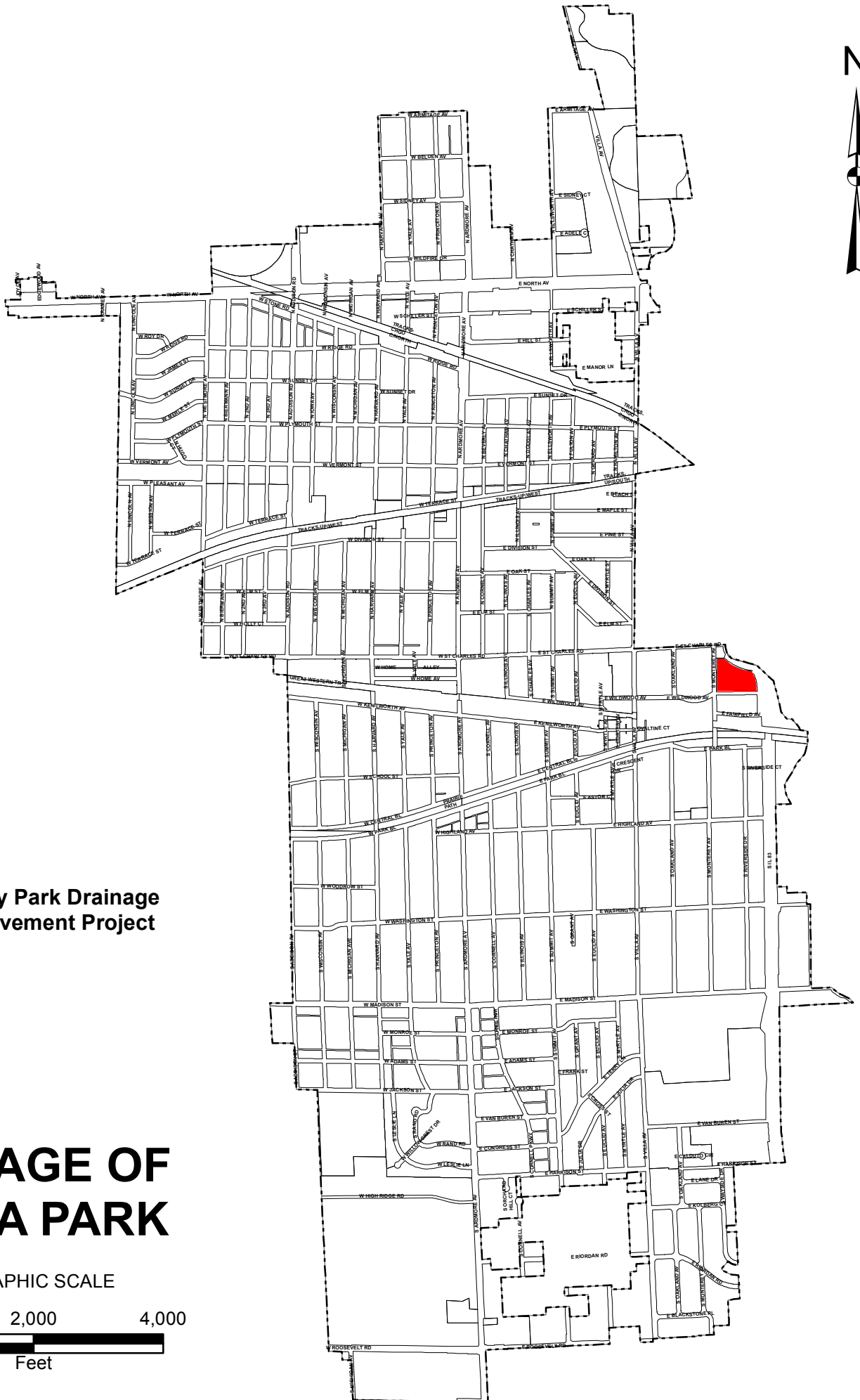
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	73,210	-	-	-	-	-	-	73,210
Engineering Subtotals	73,210	-	-	-	-	-	-	73,210

Construction / Building								
Stormwater Fund ¹	366,047	-	-	-	-	-	-	366,047
Construction Subtotals	366,047	-	-	-	-	-	-	366,047

Funding Sources Subtotals								
Stormwater Fund ¹	439,257	-	-	-	-	-	-	439,257
PROJECT TOTALS	439,257	-	-	-	-	-	-	439,257

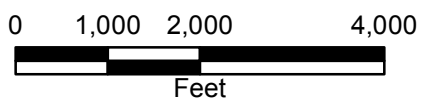
1. Project component is dependent upon securing funding



 Rotary Park Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Rotary Park Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements as recommended by the CBBEL flood control study.	
Justification: These projects were recommended by the 2015 Comprehensive Flood Plan and Storm Sewer Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	48,074	-	-	-	-	-	-	48,074
Engineering Subtotals	48,074	-	-	-	-	-	-	48,074

Construction / Building								
Stormwater Fund ¹	240,370	-	-	-	-	-	-	240,370
Construction Subtotals	240,370	-	-	-	-	-	-	240,370

Funding Sources Subtotals								
Stormwater Fund ¹	288,444	-	-	-	-	-	-	288,444
PROJECT TOTALS	288,444	-	-	-	-	-	-	288,444

1. Project component is dependent upon securing funding

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VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Capital Projects Fund Private Funds
Project Name: Sidewalk Improvement Program	
Objective: To increase the safety and serviceability of public sidewalks by replacing portions of deteriorated public sidewalks throughout the Village.	
Description: This program consists of the replacement of deteriorated portions of public sidewalks throughout the Village, with residents or property owners generally sharing half of the cost of replacement. The replacement work is completed by a contractor. Engineering is performed in-house.	
Justification: Implementation of the Sidewalk Improvement Program will improve Village infrastructure, meet resident demand for the program, and reduce the potential liability to the Village caused by deteriorated and hazardous sidewalks.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Capital Projects Fund	-	-	-	-	-	-	-	-
Private Funds	-	-	-	-	-	-	-	-
Engineering Subtotals	-	-	-	-	-	-	-	-

Construction / Building								
Capital Projects Fund	175,000	-	35,000	35,000	35,000	35,000	35,000	-
Private Funds	75,000	-	15,000	15,000	15,000	15,000	15,000	-
Construction Subtotals	250,000	-	50,000	50,000	50,000	50,000	50,000	-

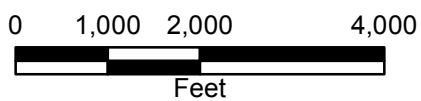
Funding Sources Subtotals								
Capital Projects Fund	175,000	-	35,000	35,000	35,000	35,000	35,000	-
Private Funds	75,000	-	15,000	15,000	15,000	15,000	15,000	-
PROJECT TOTALS	250,000	-	50,000	50,000	50,000	50,000	50,000	-



St. Charles Road Bridge Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Street Improvement Fund ISBP Grant STP-BR Grant
Project Name: St. Charles Road Bridge Improvement Project	
Objective: To repair or replace deteriorated components of the St. Charles Road bridge and prevent further deterioration.	
Description: This project consists of the rehabilitation of the St. Charles Road bridge over Salt Creek.	
Justification: Bridge inspections conducted by IDOT have determined that the bridge structure has deteriorated to the point that it will require rehabilitation or replacement within the next few years. The Surface Transportation Program Bridge Program (STP-BR) is expected to provide funding for 80% of engineering and construction costs. The State of Illinois and the City of Elmhurst have also agreed to provide funding for their share of project costs, with their total financial participation expected to be provided during the construction phase of the project.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services									
Street Improvement Fund ¹	187,151	79,351	107,800	-	-	-	-	-	-
ISBP Grant	311,200	-	311,200	-	-	-	-	-	-
STP-BR Grant	424,645	304,645	120,000	-	-	-	-	-	-
Engineering Subtotals	922,996	383,996	539,000	-	-	-	-	-	-

Construction / Building									
Street Improvement Fund ¹	620,000	100,800	519,200	-	-	-	-	-	-
ISBP Grant	2,076,800	-	2,076,800	-	-	-	-	-	-
STP-BR Grant	80,000	80,000	-	-	-	-	-	-	-
Construction Subtotals	2,776,800	180,800	2,596,000	-	-	-	-	-	-

Funding Sources Subtotals									
Street Improvement Fund ¹	807,151	180,151	627,000	-	-	-	-	-	-
ISBP Grant	2,388,000	-	2,388,000	-	-	-	-	-	-
STP-BR Grant	504,645	384,645	120,000	-	-	-	-	-	-
PROJECT TOTALS	3,699,796	564,796	3,135,000	-	-	-	-	-	-

- The State of Illinois and the City of Elmhurst are expected to provide their total financial participation during the construction phase of the project. The state's estimated contribution is \$550,800 and the city's estimated contribution is \$78,700, for a total of \$629,500. These contributions would offset estimated Street Improvement Fund costs.

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Sewer Separation
Project Name: Third Avenue Combined Sewer Separation Project (Holly to Division)	
Objective: To lessen the frequency and severity of flooding and sewer backups by separating the existing combined sewer.	
Description: This project consists of the separation of the existing combined sewer main on North Third Avenue from Holly Court to Division Street.	
Justification: The combined sewer separation was identified by the 2015 Comprehensive Flood Plan and Storm Sewer Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

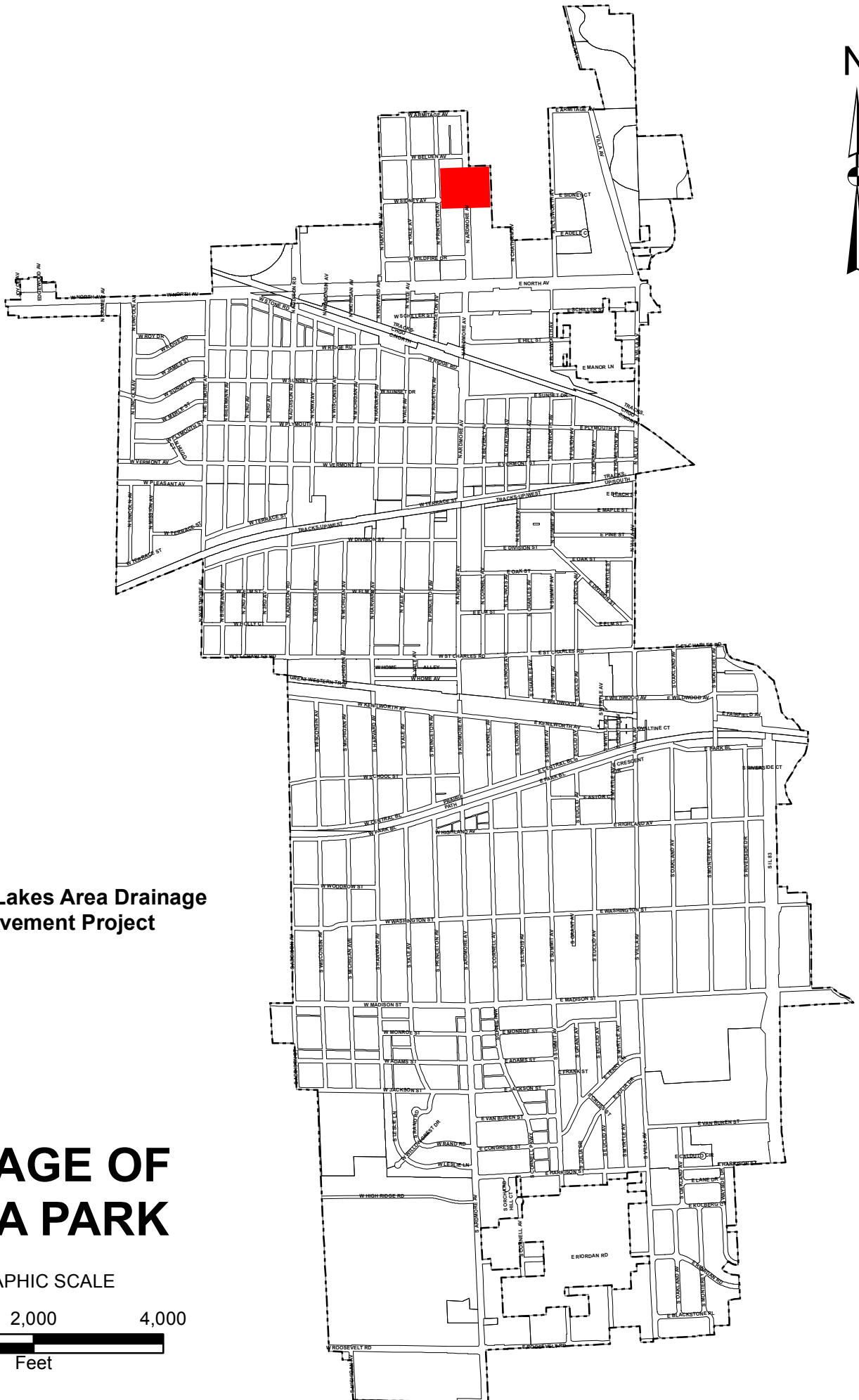
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Sewer Separation ¹	100,000	-	-	50,000	50,000	-	-	-
Engineering Subtotals	100,000	-	-	50,000	50,000	-	-	-

Construction / Building								
Sewer Separation ¹	547,000	-	-	-	547,000	-	-	-
Construction Subtotals	547,000	-	-	-	547,000	-	-	-

Funding Sources Subtotals								
Sewer Separation ¹	647,000	-	-	50,000	597,000	-	-	-
PROJECT TOTALS	647,000	-	-	50,000	597,000	-	-	-

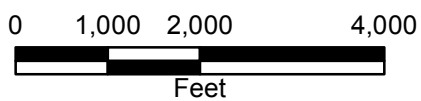
1. An IEPA loan to be repaid with future revenue will be needed for these improvements



 **Twin Lakes Area Drainage Improvement Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Twin Lakes Area Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements as recommended by the CBBEL flood control study.	
Justification: These projects were recommended by the 2015 Comprehensive Flood Plan and Storm Sewer Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	552,032	-	-	-	-	-	-	552,032
Engineering Subtotals	552,032	-	-	-	-	-	-	552,032

Construction / Building								
Stormwater Fund ¹	2,760,160	-	-	-	-	-	-	2,760,160
Construction Subtotals	2,760,160	-	-	-	-	-	-	2,760,160

Funding Sources Subtotals								
Stormwater Fund ¹	3,312,192	-	-	-	-	-	-	3,312,192
PROJECT TOTALS	3,312,192	-	-	-	-	-	-	3,312,192

1. Project component is dependent upon securing funding

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Van Buren Area Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements as recommended by the V3 Sugar Creek Basin Flood Control Study.	
Justification: These projects were recommended by the 2015 Sugar Creek Watershed Drainage Improvement Project Conceptual Design Report prepared by V3 Companies of Illinois.	

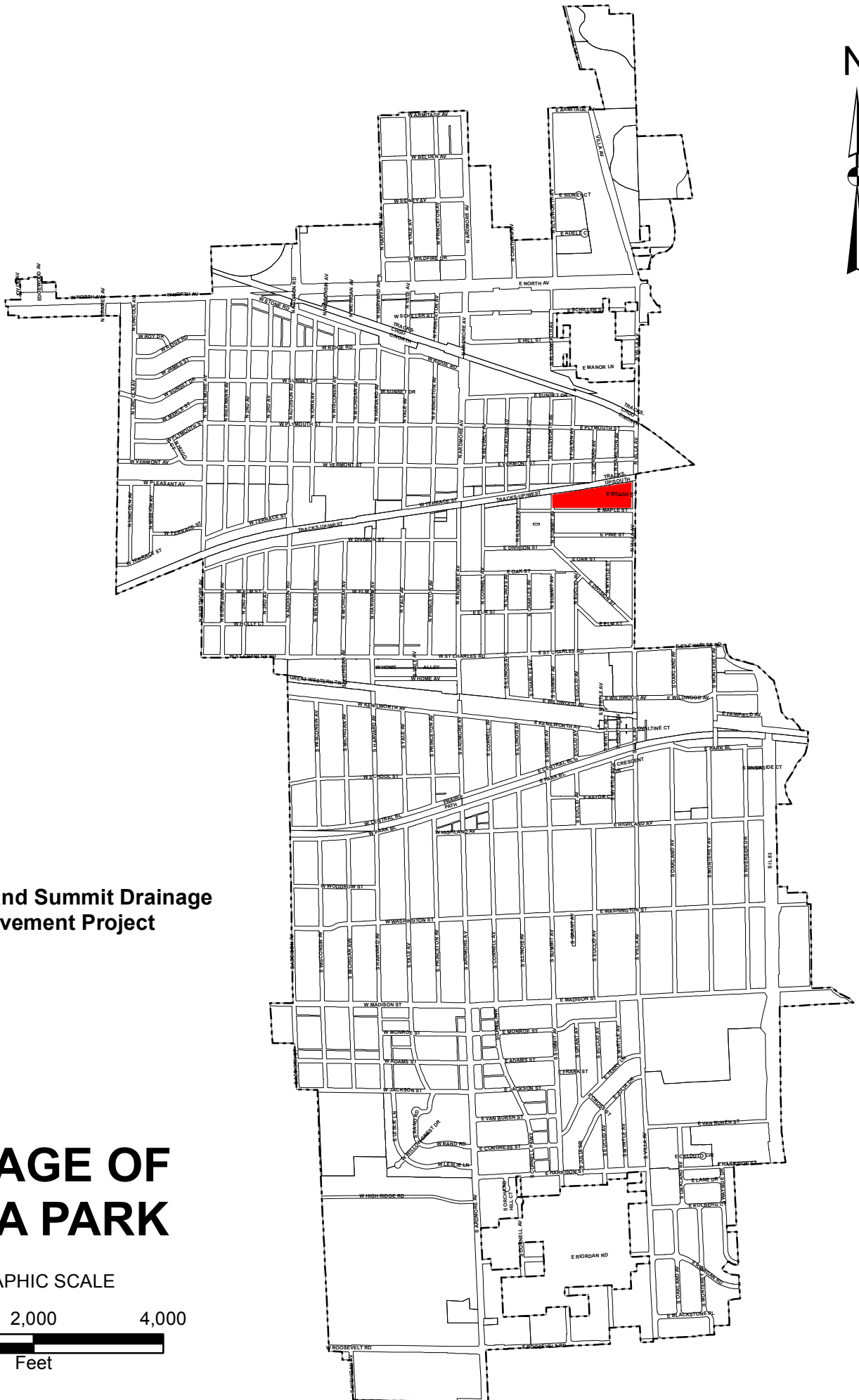
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	309,000	-	-	-	-	-	-	309,000
Engineering Subtotals	309,000	-	-	-	-	-	-	309,000

Construction / Building								
Stormwater Fund ¹	1,547,000	-	-	-	-	-	-	1,547,000
Construction Subtotals	1,547,000	-	-	-	-	-	-	1,547,000

Funding Sources Subtotals								
Stormwater Fund ¹	1,856,000	-	-	-	-	-	-	1,856,000
PROJECT TOTALS	1,856,000	-	-	-	-	-	-	1,856,000

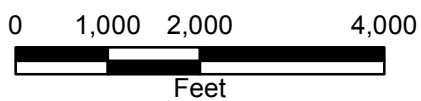
1. Project component is dependent upon securing funding



 Villa and Summit Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Stormwater Fund
Project Name: Villa and Summit Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project consists of stormwater improvements as recommended by the CBBEL flood control study.	
Justification: These projects were recommended by the 2015 Comprehensive Flood Plan and Storm Sewer Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Stormwater Fund ¹	157,000	-	-	-	-	-	-	157,000
Engineering Subtotals	157,000	-	-	-	-	-	-	157,000

Construction / Building								
Stormwater Fund ¹	870,000	-	-	-	-	-	-	870,000
Construction Subtotals	870,000	-	-	-	-	-	-	870,000

Funding Sources Subtotals								
Stormwater Fund ¹	1,027,000	-	-	-	-	-	-	1,027,000
PROJECT TOTALS	1,027,000	-	-	-	-	-	-	1,027,000

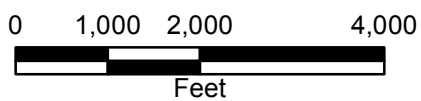
1. Project component is dependent upon securing funding



Villa Avenue Bridge Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2019 THROUGH 2023**

Fund(s) / Department(s):
Street Improvement Fund
STP-BR Grant

NEW

Project Name: Villa Avenue Bridge Improvement Project

Objective: To repair or replace deteriorated components of the South Villa Avenue bridge over Sugar Creek and prevent further deterioration.

Description: This project consists of the rehabilitation of the South Villa Avenue bridge over Sugar Creek.

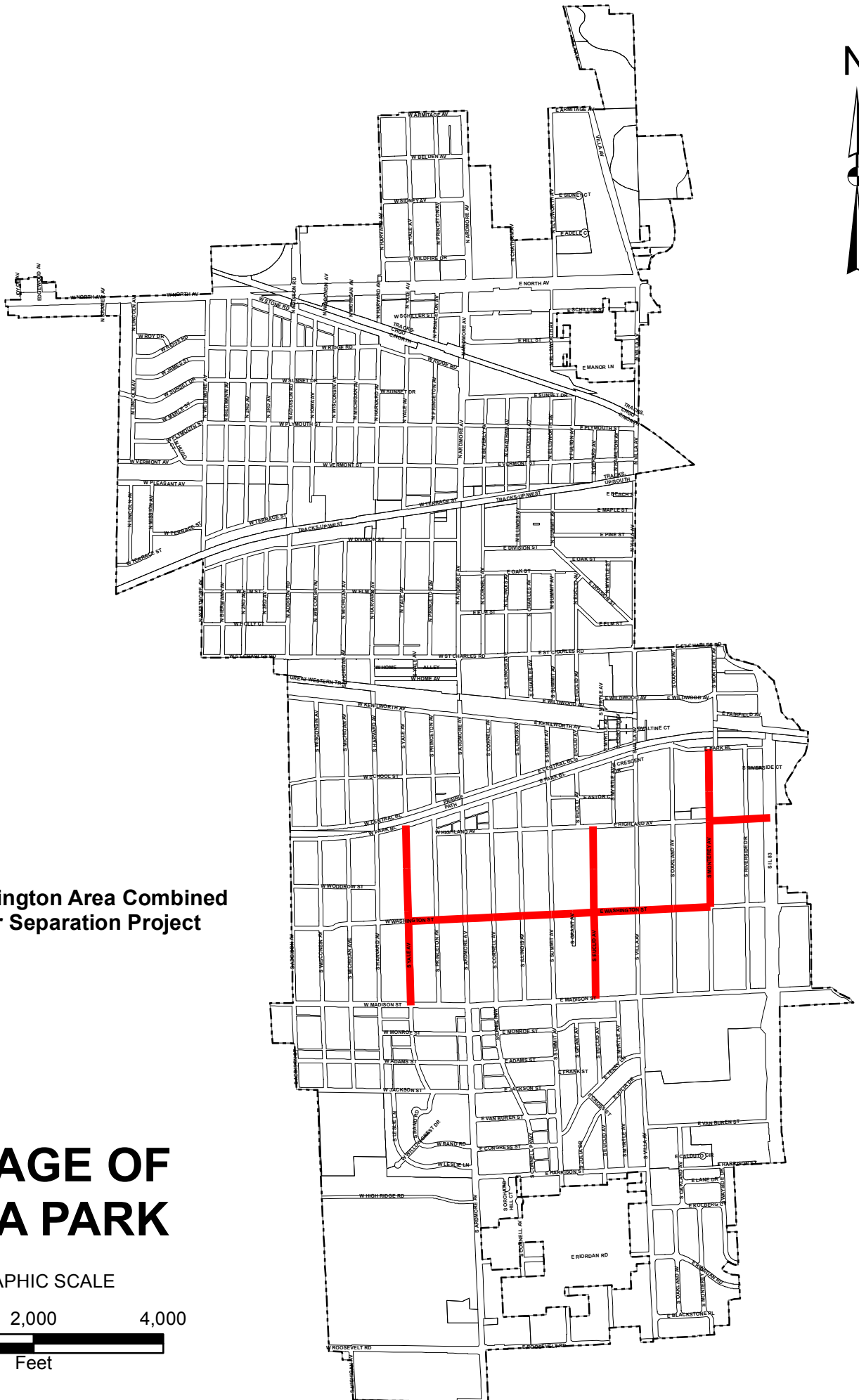
Justification: The Surface Transportation Program Bridge Program (STP-BR) is expected to provide funding for up to 80% of engineering and construction costs.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Street Improvement Fund	58,597	4,597	36,000	18,000	-	-	-	-
STP-BR Grant	216,000	-	144,000	72,000	-	-	-	-
Engineering Subtotals	274,597	4,597	180,000	90,000	-	-	-	-

Construction / Building								
Street Improvement Fund	120,000	-	-	120,000	-	-	-	-
STP-BR Grant	480,000	-	-	480,000	-	-	-	-
Construction Subtotals	600,000	-	-	600,000	-	-	-	-

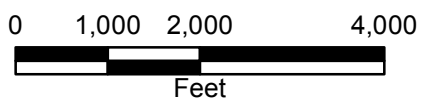
Funding Sources Subtotals								
Street Improvement Fund	178,597	4,597	36,000	138,000	-	-	-	-
STP-BR Grant	696,000	-	144,000	552,000	-	-	-	-
PROJECT TOTALS	874,597	4,597	180,000	690,000	-	-	-	-



 Washington Area Combined Sewer Separation Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Sewer Separation
Project Name: Washington Area Combined Sewer Separation Project	
Objective: To lessen the frequency and severity of flooding and sewer backups by separating the existing combined sewers.	
Description: This project consists of the separation of existing combined sewers identified by the CBBEL flood control study. Combined sewer separation is proposed on Washington Street from Yale Avenue to Monterey Avenue, on Euclid Avenue from Madison Street to Highland Avenue, and on Yale Avenue from Madison Street to Park Boulevard. The sewer separation included in this project must be completed prior to other sewer separation projects. Combined sewer separation is also proposed on Highland Avenue from Monterey Avenue to Riverside Drive and on Monterey Avenue from Washington Street to Park Boulevard as a part of the Monterey Avenue Improvement Project (Park to Washington).	
Justification: The combined sewer separation was identified by the 2015 Comprehensive Flood Plan and Storm Sewer System Analysis prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Sewer Separation ¹	968,200	-	274,100	484,100	210,000	-	-	-
Engineering Subtotals	968,200	-	274,100	484,100	210,000	-	-	-

Construction / Building								
Sewer Separation ¹	4,841,000	-	-	2,741,000	2,100,000	-	-	-
Construction Subtotals	4,841,000	-	-	2,741,000	2,100,000	-	-	-

Funding Sources Subtotals								
Sewer Separation ¹	5,809,200	-	274,100	3,225,100	2,310,000	-	-	-
PROJECT TOTALS	5,809,200	-	274,100	3,225,100	2,310,000	-	-	-

1. An IEPA loan to be repaid with future revenue will be needed for these improvements

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VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Water Supply Fund IEPA Water Loan
Project Name: Water Metering System Upgrades	
Objective: To improve the condition of the Village's water supply infrastructure and minimize loss of revenue due to under-registering water meters.	
Description: This project consists of the implementation of new water metering system infrastructure.	
Justification: Loan funding for these efforts is expected to be provided through the Illinois EPA Public Water Supply Loan Program (PWSLP).	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Water Supply Fund	-	-	-	-	-	-	-	-
IEPA Water Loan	-	-	-	-	-	-	-	-
Engineering Subtotals	-	-	-	-	-	-	-	-

Construction / Building								
Water Supply Fund	-	-	-	-	-	-	-	-
IEPA Water Loan	-	-	-	-	-	-	-	-
Construction Subtotals	-	-	-	-	-	-	-	-

Equipment / Furnishings								
Water Supply Fund	665,471	665,471	-	-	-	-	-	-
IEPA Water Loan	1,420,000	-	-	710,000	710,000	-	-	-
Equipment Subtotals	2,085,471	665,471	-	710,000	710,000	-	-	-

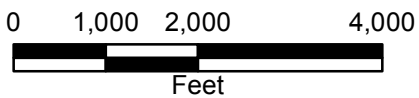
Funding Sources Subtotals								
Water Supply Fund	665,471	665,471	-	-	-	-	-	-
IEPA Water Loan	1,420,000	-	-	710,000	710,000	-	-	-
PROJECT TOTALS	2,085,471	665,471	-	710,000	710,000	-	-	-



**Westmore Avenue
Improvement Project (Division
to St. Charles)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund Sewer Separation IEPA Water Loan
Project Name: Westmore Avenue Improvement Project (Division to St. Charles)	
Objective:	To improve the condition of the roadway by means of selected pavement rehabilitation methods. To reduce the frequency and severity of flooding and sewer backups by separating the existing combined sewer.
Description:	This project consists of the rehabilitation of North Westmore Avenue from St. Charles Road to Division Street. The project includes combined sewer separation. Some selective water system and sanitary sewer system improvements are also included. The future water main is expected to be funded by the Illinois EPA Public Water Supply Loan Program. The water main would be a continuation of a 10-inch western "backbone" for the water system.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. It has been determined by the Combined Sewer Separation Study that this street is a high priority for sewer separation.

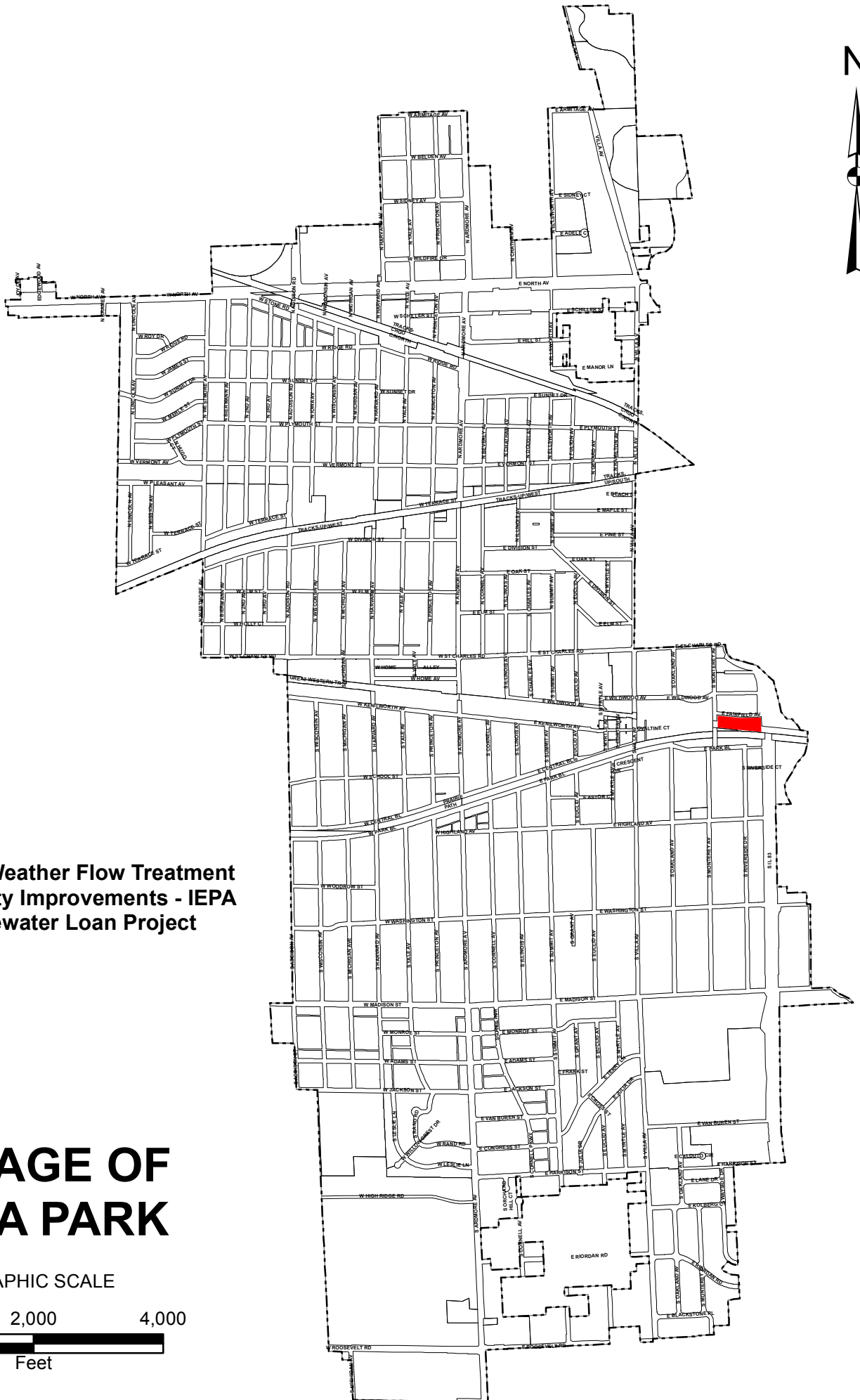
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	57,454	-	-	28,727	28,727	-	-	-
Water Supply Fund ²	8,400	-	-	4,200	4,200	-	-	-
Wastewater Fund ²	4,400	-	-	2,200	2,200	-	-	-
Sewer Separation ¹	90,000	-	-	45,000	45,000	-	-	-
IEPA Water Loan	132,600	-	-	-	-	-	-	132,600
Engineering Subtotals	292,854	-	-	80,127	80,127	-	-	132,600

Construction / Building								
GO Bonds	287,272	-	-	-	287,272	-	-	-
Water Supply Fund ²	42,000	-	-	-	42,000	-	-	-
Wastewater Fund ²	22,000	-	-	-	22,000	-	-	-
Sewer Separation ¹	450,000	-	-	-	450,000	-	-	-
IEPA Water Loan	663,000	-	-	-	-	-	-	663,000
Construction Subtotals	1,464,272	-	-	-	801,272	-	-	663,000

Funding Sources Subtotals								
GO Bonds	344,726	-	-	28,727	315,999	-	-	-
Water Supply Fund ²	50,400	-	-	4,200	46,200	-	-	-
Wastewater Fund ²	26,400	-	-	2,200	24,200	-	-	-
Sewer Separation ¹	540,000	-	-	45,000	495,000	-	-	-
IEPA Water Loan	795,600	-	-	-	-	-	-	795,600
PROJECT TOTALS	1,757,126	-	-	80,127	881,399	-	-	795,600

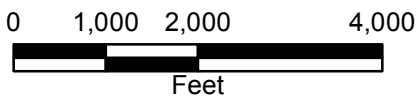
1. An IEPA loan to be repaid with future revenue will be needed for these improvements
2. The Utility Sales Tax is expected to provide funding for these improvements



**Wet Weather Flow Treatment
Facility Improvements - IEPA
Wastewater Loan Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Wastewater Fund IEPA Wastewater Loan
Project Name: Wet Weather Flow Treatment Facility Improvements - IEPA Wastewater Loan Project	
Objective: To improve the condition of the Village's Wet Weather Flow Treatment Facility (WWFTF).	
Description: This project consists of selected improvements to the Village's Wet Weather Flow Treatment Facility (WWFTF).	
Justification: The Village plans to complete a facility plan for the Wet Weather Flow Treatment Facility. Future improvements will be scoped based on the results of the facility plan. Loan funding for construction of these improvements could be provided by low interest loans made available through the Illinois EPA Water Pollution Control Loan Program (WPCLP). The wastewater rate study identified the IEPA loans as the expected funding source for these projects.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Wastewater Fund	31,136	31,136	-	-	-	-	-	-
IEPA Wastewater Loan	40,000	-	20,000	20,000	-	-	-	-
Engineering Subtotals	71,136	31,136	20,000	20,000	-	-	-	-

Construction / Building								
Wastewater Fund	50,000	-	50,000	-	-	-	-	-
IEPA Wastewater Loan	400,000	-	-	200,000	200,000	-	-	-
Construction Subtotals	450,000	-	50,000	200,000	200,000	-	-	-

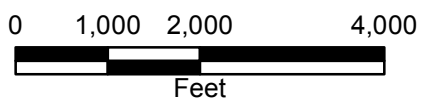
Funding Sources Subtotals								
Wastewater Fund	81,136	31,136	50,000	-	-	-	-	-
IEPA Wastewater Loan	440,000	-	20,000	220,000	200,000	-	-	-
PROJECT TOTALS	521,136	31,136	70,000	220,000	200,000	-	-	-



**Wisconsin Avenue
Improvement Project
(Kenilworth to Madison)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Stormwater Fund Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Wisconsin Avenue Improvement Project (Kenilworth to Madison)	
Objective:	To improve the condition of the roadway by means of selected pavement rehabilitation methods. To reduce the frequency and severity of flooding and sewer backups by separating the existing combined sewer.
Description:	This project consists of the rehabilitation of South Wisconsin Avenue from Kenilworth Avenue to Madison Street. The project includes combined sewer separation. Some selective water system and sanitary sewer system improvements are also included.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. The Combined Sewer Separation Study has identified portions of this area as Priority Level 3 for sewer separation.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	266,546	-	-	133,273	133,273	-	-	-
Stormwater Fund ¹	276,000	-	-	-	138,000	69,000	69,000	-
Water Supply Fund ³	24,000	-	-	12,000	12,000	-	-	-
Wastewater Fund ³	14,600	-	-	7,300	7,300	-	-	-
Sewer Separation ²	228,000	-	-	101,000	127,000	-	-	-
Engineering Subtotals	809,146	-	-	253,573	417,573	69,000	69,000	-

Construction / Building								
GO Bonds	1,332,726	-	-	-	1,332,726	-	-	-
Stormwater Fund ¹	1,380,000	-	-	-	-	690,000	690,000	-
Water Supply Fund ³	120,000	-	-	-	120,000	-	-	-
Wastewater Fund ³	73,000	-	-	-	73,000	-	-	-
Sewer Separation ²	1,266,000	-	-	-	1,266,000	-	-	-
Construction Subtotals	4,171,726	-	-	-	2,791,726	690,000	690,000	-

Funding Sources Subtotals								
GO Bonds	1,599,272	-	-	133,273	1,465,999	-	-	-
Stormwater Fund ¹	1,656,000	-	-	-	138,000	759,000	759,000	-
Water Supply Fund ³	144,000	-	-	12,000	132,000	-	-	-
Wastewater Fund ³	87,600	-	-	7,300	80,300	-	-	-
Sewer Separation ²	1,494,000	-	-	101,000	1,393,000	-	-	-
PROJECT TOTALS	4,980,872	-	-	253,573	3,209,299	759,000	759,000	-

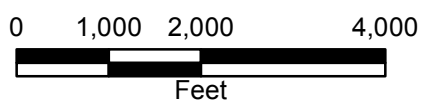
1. Project component is dependent upon securing funding
2. An IEPA loan to be repaid with future revenue will be needed for these improvements
3. The Utility Sales Tax is expected to provide funding for these improvements



**Wisconsin Avenue
Improvement Project (Madison
to Jackson)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund
Project Name: Wisconsin Avenue Improvement Project (Madison to Jackson)	
Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods.	
Description: This project consists of the rehabilitation of South Wisconsin Avenue from Madison Street to Jackson Street. Some selective water system and sanitary sewer system improvements are also included.	
Justification: The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds.	

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	42,819	-	14,273	28,546	-	-	-	-
Water Supply Fund ¹	8,400	-	4,200	4,200	-	-	-	-
Wastewater Fund ¹	5,200	-	2,600	2,600	-	-	-	-
Engineering Subtotals	56,419	-	21,073	35,346	-	-	-	-

Construction / Building								
GO Bonds	285,462	-	-	285,462	-	-	-	-
Water Supply Fund ¹	42,000	-	-	42,000	-	-	-	-
Wastewater Fund ¹	26,000	-	-	26,000	-	-	-	-
Construction Subtotals	353,462	-	-	353,462	-	-	-	-

Funding Sources Subtotals								
GO Bonds	328,281	-	14,273	314,008	-	-	-	-
Water Supply Fund ¹	50,400	-	4,200	46,200	-	-	-	-
Wastewater Fund ¹	31,200	-	2,600	28,600	-	-	-	-
PROJECT TOTALS	409,881	-	21,073	388,808	-	-	-	-

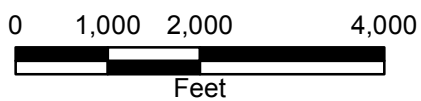
1. The Utility Sales Tax is expected to provide funding for these improvements



Yale Avenue Improvement Project (Madison to Jackson)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Stormwater Fund Water Supply Fund Wastewater Fund
Project Name: Yale Avenue Improvement Project (Madison to Jackson)	
Objective:	To improve the condition of the roadway by means of selected pavement rehabilitation methods. The storm sewer installation will lessen the frequency of flooding.
Description:	This project consists of the rehabilitation of South Yale Avenue from Madison Street to Jackson Street. The project includes the installation of storm sewers. Some selective water system and sanitary sewer system improvements are also included.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point where pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. The storm sewer was recommended in a previous flood control study.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	78,000	-	-	39,000	39,000	-	-	-
Stormwater Fund ¹	68,000	-	-	34,000	34,000	-	-	-
Water Supply Fund ²	7,200	-	-	3,600	3,600	-	-	-
Wastewater Fund ²	4,600	-	-	2,300	2,300	-	-	-
Engineering Subtotals	157,800	-	-	78,900	78,900	-	-	-

Construction / Building								
GO Bonds	390,000	-	-	-	390,000	-	-	-
Stormwater Fund ¹	340,000	-	-	-	340,000	-	-	-
Water Supply Fund ²	36,000	-	-	-	36,000	-	-	-
Wastewater Fund ²	23,000	-	-	-	23,000	-	-	-
Construction Subtotals	789,000	-	-	-	789,000	-	-	-

Funding Sources Subtotals								
GO Bonds	468,000	-	-	39,000	429,000	-	-	-
Stormwater Fund ¹	408,000	-	-	34,000	374,000	-	-	-
Water Supply Fund ²	43,200	-	-	3,600	39,600	-	-	-
Wastewater Fund ²	27,600	-	-	2,300	25,300	-	-	-
PROJECT TOTALS	946,800	-	-	78,900	867,900	-	-	-

1. Project component is dependent upon securing funding
2. The Utility Sales Tax is expected to provide funding for these improvements

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): Street Improvement Fund GO Bonds Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Yale Avenue Improvement Project (Park to Madison)	
Objective:	To improve the condition of the roadway by means of selected pavement rehabilitation methods. To reduce the frequency and severity of flooding and sewer backups by separating the existing combined sewer.
Description:	This project consists of the rehabilitation of South Yale Avenue from Park Boulevard to Madison Street. The project includes combined sewer separation. Some selective water system and sanitary sewer system improvements are also included. The combined sewer separation proposed as a part of this project cannot be completed until other portions of the Washington Area Combined Sewer Separation Project have been completed.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. The Combined Sewer Separation Study has identified portions of this area as a high priority for sewer separation.

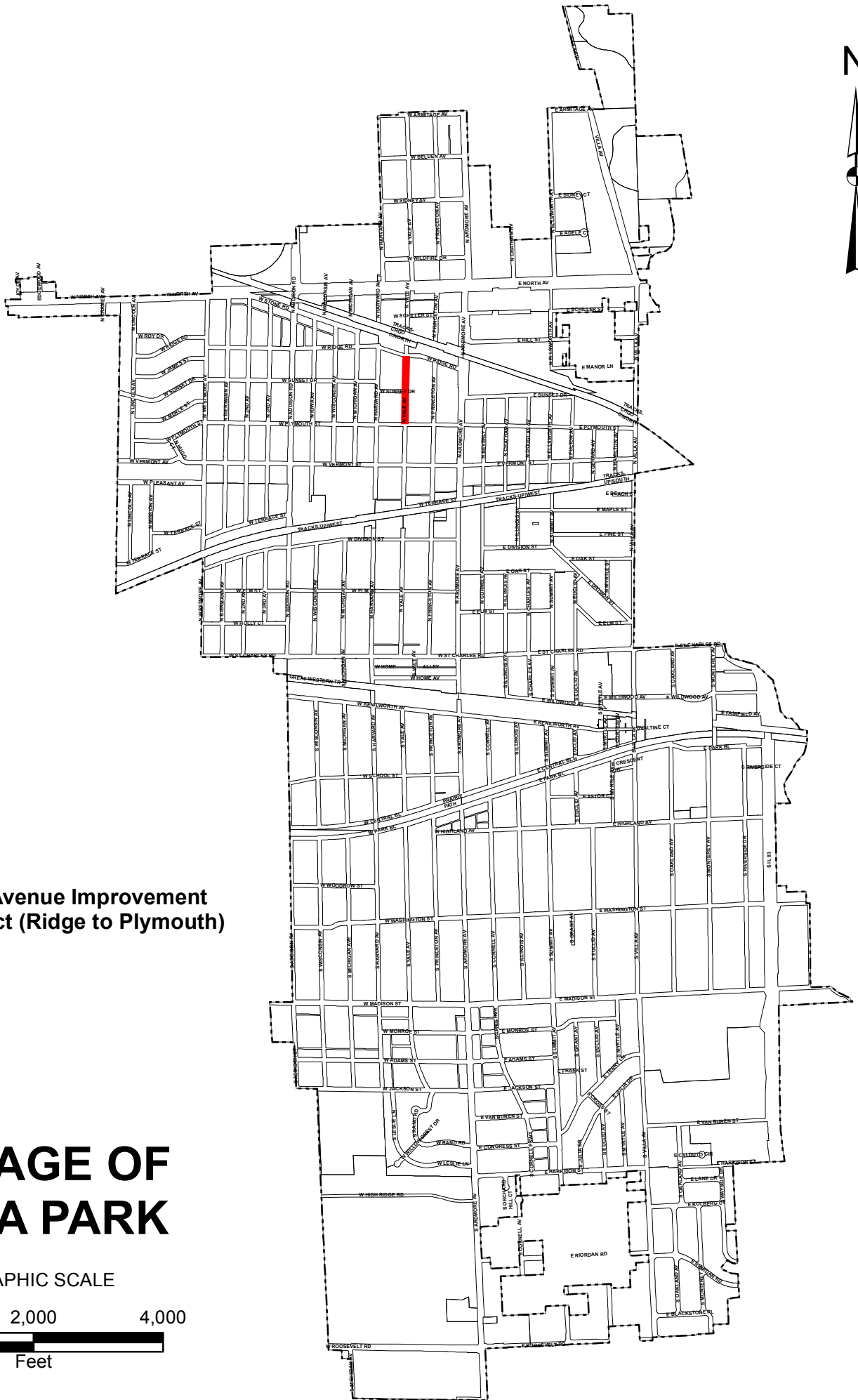
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
Street Improvement Fund	4,182	-	-	2,091	2,091	-	-	-
GO Bonds	55,818	-	-	27,909	27,909	-	-	-
Water Supply Fund ²	14,600	-	-	7,300	7,300	-	-	-
Wastewater Fund ²	9,000	-	-	4,500	4,500	-	-	-
Sewer Separation ¹	200,000	-	-	90,000	110,000	-	-	-
Engineering Subtotals	283,600	-	-	131,800	151,800	-	-	-

Construction / Building								
Street Improvement Fund	20,910	-	-	-	20,910	-	-	-
GO Bonds	279,090	-	-	-	279,090	-	-	-
Water Supply Fund ²	73,000	-	-	-	73,000	-	-	-
Wastewater Fund ²	45,000	-	-	-	45,000	-	-	-
Sewer Separation ¹	1,100,000	-	-	-	1,100,000	-	-	-
Construction Subtotals	1,518,000	-	-	-	1,518,000	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	25,092	-	-	2,091	23,001	-	-	-
GO Bonds	334,908	-	-	27,909	306,999	-	-	-
Water Supply Fund ²	87,600	-	-	7,300	80,300	-	-	-
Wastewater Fund ²	54,000	-	-	4,500	49,500	-	-	-
Sewer Separation ¹	1,300,000	-	-	90,000	1,210,000	-	-	-
PROJECT TOTALS	1,801,600	-	-	131,800	1,669,800	-	-	-

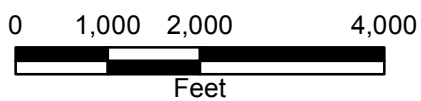
1. An IEPA loan to be repaid with future revenue will be needed for these improvements
2. The Utility Sales Tax is expected to provide funding for these improvements



 Yale Avenue Improvement Project (Ridge to Plymouth)

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2019 THROUGH 2023	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund CDBG Grant
Project Name: Yale Avenue Improvement Project (Ridge to Plymouth)	
Objective:	To improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with a new, structurally sound pavement. To improve water system capacity and reliability by replacing the existing water main.
Description:	This project consists of the reconstruction of North Yale Avenue from Plymouth Street to Ridge Road. The project includes replacement of the existing water main. Some selective sanitary sewer system improvements are also included.
Justification:	The Village's pavement management program has determined that the condition of the street has deteriorated to the point that pavement rehabilitation is needed. This project is to be partially funded by voter approved bond proceeds. The Village plans to apply for grant funding under the Community Development Block Grant (CDBG) Program for the water main improvements.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2019	2020	2021	2022	2023	

Engineering / Professional Services								
GO Bonds	65,880	-	49,410	16,470	-	-	-	-
Water Supply Fund ²	105,400	2,000	77,550	25,850	-	-	-	-
Wastewater Fund ²	1,700	-	850	850	-	-	-	-
CDBG Grant	-	-	-	-	-	-	-	-
Engineering Subtotals	172,980	2,000	127,810	43,170	-	-	-	-

Construction / Building								
GO Bonds	329,400	-	164,700	164,700	-	-	-	-
Water Supply Fund ²	129,250	-	64,625	64,625	-	-	-	-
Wastewater Fund ²	17,000	-	8,500	8,500	-	-	-	-
CDBG Grant ¹	387,750	-	193,875	193,875	-	-	-	-
Construction Subtotals	863,400	-	431,700	431,700	-	-	-	-

Funding Sources Subtotals								
GO Bonds	395,280	-	214,110	181,170	-	-	-	-
Water Supply Fund ²	234,650	2,000	142,175	90,475	-	-	-	-
Wastewater Fund ²	18,700	-	9,350	9,350	-	-	-	-
CDBG Grant ¹	387,750	-	193,875	193,875	-	-	-	-
PROJECT TOTALS	1,036,380	2,000	559,510	474,870	-	-	-	-

1. Project component is dependent upon securing funding
2. The Utility Sales Tax is expected to provide funding for these improvements

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