

Village of Villa Park, Illinois

2020 BUDGET



CAPITAL IMPROVEMENT PLAN
2020-2024

**JANUARY 1, 2020 TO
DECEMBER 31, 2020**

APPROVED DECEMBER 16, 2019

VILLAGE OF VILLA PARK, ILLINOIS

CAPITAL IMPROVEMENT PLAN

FOR

2020 THROUGH 2024

PRESIDENT

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FINANCE DIRECTOR
FIRE CHIEF
POLICE CHIEF
INTERIM PUBLIC WORKS DIRECTOR
COMMUNITY DEVELOPMENT DIRECTOR
ECONOMIC DEVELOPMENT DIRECTOR
PARKS & RECREATION DIRECTOR

**VILLAGE OF VILLA PARK, ILLINOIS
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

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**VILLAGE OF VILLA PARK, ILLINOIS
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INTRODUCTION

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Village of Villa Park

20 South Ardmore Avenue, Villa Park, Illinois 60181

DEPARTMENT OF PUBLIC WORKS
RICH SALERNO • Interim Public Works Director

Phone (630) 834-8505
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FIVE-YEAR CAPITAL IMPROVEMENT PLAN (CIP) BUDGET MESSAGE FOR CALENDAR YEAR 2020

January 1, 2020

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 2020 through 2024, including the Capital Budget for Calendar Year 2020. 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 2020 through CY 2024 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 \$27,771,800 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, motor fuel tax revenues, water supply and wastewater funds, stormwater and combined sewer separation fees, grants, loans, TIF revenues, and corporate fund transfers.

CY 2019 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:

➤ 2018 Street Improvement Project (Partial Construction)	\$538,883
➤ 2019 Sewer Rehabilitation Program (Partial Construction)	\$1,016,000
➤ 2020 Street Improvement Project (Partial Design)	\$176,489
➤ Astor & Myrtle Improvement Project (Partial Design / Partial Construction)	\$361,000
➤ Charles Avenue Improvement Project (Design)	\$173,200
➤ Cornell Pump Station Generator Replacement (Partial Construction)	\$85,000
➤ Drainage Assistance Program (Design / Construction)	\$155,905
➤ Euclid Avenue Improvement Project (Highland to Kenilworth) (Partial Design / Partial Construction)	\$19,852
➤ Jackson Pond Improvement Project (Partial Design / Construction)	\$2,375,593
➤ Maple Area Improvement Project (Partial Design)	\$332,943
➤ Michigan Avenue Improvement Project (Central to Kenilworth) (Partial Design)	\$17,004
➤ Monterey Avenue Improvement Project (Washington to Park) (Partial Design)	\$48,861
➤ Monterey Stormwater Quality Improvement Project (Partial Construction)	\$22,035
➤ North Avenue / North Villa Resurfacing (IDOT) (Construction)	\$29,900
➤ North Avenue Flood Control Study (Partial Design)	\$48,966
➤ Princeton Avenue Improvement Project (UP Railroad to Elm) (Partial Design / Construction)	\$1,039,642
➤ Ridge Road Improvement Project (Yale to Ardmore) (Partial Construction)	\$119,854
➤ Roosevelt & Ardmore Improvements (IDOT) (Partial Construction)	\$21,469
➤ Roosevelt, Summit to Villa Improvements (IDOT) (Partial Construction)	\$37,575
➤ Second Avenue Improvement Project (Holly to Division) (Partial Construction)	\$101,308
➤ Sidewalk Improvement Program (Construction)	\$75,000
➤ 2019 Smoke Testing Program	\$53,354
➤ St. Charles Road Bridge Improvement Project (Partial Design / Construction)	\$2,322,915
➤ Sugar Creek Golf Course Stormwater Quality Improvement Project (Partial Design)	\$60,000
➤ Summit Avenue Resurfacing Project (Completion)	\$33,259
➤ Washington Street Green Infrastructure Improvement Project (Partial Construction)	\$142,967

CY 2019 ACCOMPLISHMENTS (CONTINUED)

➤ Wet Weather Flow Treatment Facility (WWFTF) Improvements (Partial Design / Partial Construction)	\$70,000
➤ Yale Avenue Improvement Project (Design)	\$86,300
TOTAL	\$9,565,274

CY 2020 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 2020:

➤ 2019 Sewer Rehabilitation Program (Partial Construction)	\$254,100
➤ 2020 Street Improvement Project (Various Streets) (Partial Design / Construction)	\$3,309,000
➤ 2021 Sewer Rehabilitation Program (Design)	\$96,000
➤ ADA Sidewalk Improvements (Design / Construction)	\$120,000
➤ Astor and Myrtle Improvement Project (Partial Construction)	\$1,903,000
➤ Biermann Avenue Improvement Project (Sunset to North Avenue) (Design)	\$102,000
➤ Charles Avenue Improvement Project (St. Charles to Oak) (Construction)	\$2,310,000
➤ College Streets Improvement Project (Various Streets) (Construction)	\$3,773,000
➤ Drainage Assistance Program (Design / Construction)	\$190,000
➤ Euclid Avenue Improvement Project (Highland to Kenilworth) (Construction)	\$502,700
➤ Euclid Avenue Improvement Project (Madison to Washington) (Design)	\$94,000
➤ Harvard Avenue Improvement Project (Jefferson Park to Ridge) (Design)	\$160,000
➤ Home Avenue Water Tower Painting (Construction)	\$635,000
➤ Jackson Pond Improvement Project (Partial Design / Partial Construction)	\$795,000
➤ Jackson Street Improvement Project (Addison to Yale) (Partial Design / Construction)	\$251,000
➤ Maple Area Improvement Project (Various Streets) (Construction)	\$3,610,006
➤ Michigan Avenue Improvement Project (Central to Kenilworth) (Construction)	\$1,320,000
➤ Monterey Avenue Improvement Project (Washington to Park) (Construction)	\$4,497,900
➤ Myrtle Avenue Improvement Project (Terry to Madison) (Design)	\$69,000

CY 2020 CAPITAL BUDGET (CONTINUED)

➤ Sidewalk Improvement Program (Construction)	\$125,000
➤ Third Avenue Improvement Project (Holly to Division) (Design)	\$80,000
➤ Villa Avenue Bridge Improvement Project (Design)	\$180,000
➤ Villa Avenue Business District Municipal Parking Lot	\$900,000
➤ Washington Area Combined Sewer Separation Project (Partial Design)	\$302,000
➤ Westmore Avenue Improvement Project (St. Charles to Division) (Design)	\$98,000
➤ Wet Weather Flow Treatment Facility (WWFTF) Improvements (Partial Design / Partial Construction)	\$240,000
➤ Wisconsin Avenue Improvement Project (Jackson to Madison) (Design)	\$45,000
➤ Wisconsin Avenue Improvement Project (Madison to Kenilworth) (Design)	\$336,000
➤ Yale Avenue Improvement Project (Jackson to Madison) (Design)	\$96,000
➤ Yale Avenue Improvement Project (Plymouth to Ridge) (Construction)	\$1,069,000
TOTAL	\$27,462,706

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 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,



Rich Salerno
Interim Director of Public Works

**VILLAGE OF VILLA PARK, ILLINOIS
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**



SUMMARIES

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**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

PROJECT EXPENDITURES SUMMARY

Project Name	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	
Project Expenditures Subtotals								
2019 Sewer Rehabilitation Program	1,374,090	1,119,990	254,100	-	-	-	-	-
2020 Street Improvement Project (Various Streets)	3,426,871	117,871	3,309,000	-	-	-	-	-
2021 Sewer Rehabilitation Program	1,152,000	-	96,000	1,056,000	-	-	-	-
ADA Sidewalk Improvements	420,000	-	120,000	120,000	60,000	60,000	60,000	-
Ardmore and Ridge Sanitary Sewer Replacement Project	132,000	-	-	-	-	-	-	132,000
Astor and Myrtle Improvement Project (Astor, Summit to Myrtle; Myrtle, Park to Highland; Crescent, Myrtle to Villa)	2,520,768	489,768	1,903,000	-	-	-	-	128,000
Biermann Avenue Improvement Project (Sunset to North Avenue)	1,246,000	-	102,000	1,144,000	-	-	-	-
Charles Avenue Improvement Project (St. Charles to Oak)	2,951,200	173,200	2,310,000	-	-	-	-	468,000
College Streets Improvement Project (Various Streets)	4,025,317	252,317	3,773,000	-	-	-	-	-
Drainage Assistance Program	505,906	155,906	190,000	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 (Highland to Park; Central to Kenilworth)	569,902	67,202	502,700	-	-	-	-	-
Euclid Avenue Improvement Project (Madison to Highland)	1,161,000	-	94,000	1,067,000	-	-	-	-
Great Western Trail Lighting Expansion Project (Harvard Avenue to west Village corporate limits)	199,946	55,946	-	-	-	-	-	144,000
Harvard Avenue Improvement Project (Jefferson Park to Ridge)	1,920,000	-	160,000	1,760,000	-	-	-	-
Home Avenue Water Tower Painting	635,000	-	635,000	-	-	-	-	-

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

PROJECT EXPENDITURES SUMMARY

Project Name	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	
Project Expenditures Subtotals								
Jackson Pond Improvement Project	7,083,716	2,416,716	795,000	1,606,000	2,266,000	-	-	-
Jackson Street Improvement Project (Addison to Yale)	264,000	13,000	251,000	-	-	-	-	-
Lions Park Drainage Improvement Project	216,000	-	-	-	-	-	-	216,000
Lufkin Pond Drainage Improvement Project	684,000	-	-	-	-	-	-	684,000
Maple Area Improvement Project (Various Streets)	4,988,006	351,000	3,610,006	-	-	-	-	1,027,000
Michigan Avenue Improvement Project (Central to Kenilworth)	2,566,098	88,098	1,320,000	-	-	-	-	1,158,000
Monterey Avenue Improvement Project (Washington to Park)	4,715,146	217,246	4,497,900	-	-	-	-	-
Myrtle Avenue Improvement Project (Terry to Madison)	828,000	-	69,000	759,000	-	-	-	-
North Avenue and Ardmore Drainage Improvement Project	1,804,441	264,441	-	-	1,540,000	-	-	-
Ovaltine Pond Drainage Improvement Project	348,000	-	-	-	-	-	-	348,000
Park Boulevard Sewer Rehabilitation Project	3,036,000	-	-	138,000	-	2,898,000	-	-
Plymouth Street Water Main Project (Addison to Ardmore)	2,352,000	-	-	-	196,000	2,156,000	-	-
Princeton Avenue Water Tower Painting	640,000	-	-	640,000	-	-	-	-
Riordan and Monterey Drainage Improvement Project	444,000	-	-	-	-	-	-	444,000
Sidewalk Improvement Program	400,000	75,000	125,000	50,000	50,000	50,000	50,000	-
Third Avenue Improvement Project (Holly to Division)	960,000	-	80,000	880,000	-	-	-	-

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

PROJECT EXPENDITURES SUMMARY

Project Name	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	
Project Expenditures Subtotals								
Twin Lakes Area Drainage Improvement Project	3,324,000	-	-	-	-	-	-	3,324,000
Van Buren Area Drainage Improvement Project	1,860,000	-	-	-	-	-	-	1,860,000
Villa and Summit Drainage Improvement Project	1,044,000	-	-	-	-	-	-	1,044,000
Villa Avenue Bridge Improvement Project	874,597	4,597	180,000	690,000	-	-	-	-
Villa Avenue Business District Municipal Parking Lot	900,000	-	900,000	-	-	-	-	-
Villa Avenue Improvement Project (St. Charles to North Avenue)	1,462,000	-	-	-	121,000	1,341,000	-	-
Washington Area Combined Sewer Separation Project	6,648,000	-	302,000	3,574,000	2,772,000	-	-	-
Water Metering System Upgrades	2,085,471	665,471	-	710,000	710,000	-	-	-
Westmore Avenue Improvement Project (St. Charles to Division)	1,980,000	-	98,000	1,078,000	-	-	-	804,000
Wet Weather Flow Treatment Facility (WWTF) Improvements	561,136	101,136	240,000	220,000	-	-	-	-
Wisconsin Avenue Improvement Project (Jackson to Madison)	540,000	-	45,000	495,000	-	-	-	-
Wisconsin Avenue Improvement Project (Madison to Kenilworth)	6,024,000	-	336,000	3,779,000	83,000	913,000	913,000	-
Yale Avenue Improvement Project (Jackson to Madison)	1,152,000	-	96,000	1,056,000	-	-	-	-
Yale Avenue Improvement Project (Madison to Park)	2,604,000	-	-	217,000	2,387,000	-	-	-
Yale Avenue Improvement Project (Plymouth to Ridge)	1,157,300	88,300	1,069,000	-	-	-	-	-
TOTALS	90,187,911	6,717,205	27,462,706	21,079,000	10,386,000	9,229,000	1,063,000	14,251,000

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**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

FUNDING SOURCES SUMMARY

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	
Funding Sources Subtotals								
North Avenue TIF	1,804,441	264,441	-	-	1,540,000	-	-	-
St. Charles TIF	900,000	-	900,000	-	-	-	-	-
Street Improvement Fund	4,130,364	50,245	2,738,119	394,000	517,000	431,000	-	-
GO Bonds	13,299,178	626,594	7,512,584	4,786,000	374,000	-	-	-
Capital Projects Fund	889,946	105,946	200,000	155,000	95,000	95,000	95,000	144,000
Stormwater Fund	21,932,930	2,110,430	1,414,500	2,160,000	2,369,000	933,000	933,000	12,013,000
Water Supply Fund	5,202,764	822,837	2,377,927	1,903,000	99,000	-	-	-
Wastewater Fund	1,228,519	170,943	523,576	336,000	66,000	-	-	132,000
Sewer Separation	21,823,376	596,476	7,910,900	7,160,000	4,385,000	1,771,000	-	-
CDBG Grant	400,000	-	400,000	-	-	-	-	-
CDBG-DR Grant	550,000	550,000	-	-	-	-	-	-
IEPA Wastewater Loan	6,042,090	1,139,990	590,100	1,414,000	-	2,898,000	-	-
IEPA Water Loan	10,035,350	196,350	2,631,000	2,184,000	906,000	2,156,000	-	1,962,000
Private Funds	342,953	82,953	120,000	35,000	35,000	35,000	35,000	-
STP Grant	910,000	-	-	-	-	910,000	-	-
STP-BR Grant	696,000	-	144,000	552,000	-	-	-	-
TOTALS	90,187,911	6,717,205	27,462,706	21,079,000	10,386,000	9,229,000	1,063,000	14,251,000

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**VILLAGE OF VILLA PARK, ILLINOIS
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**



CAPITAL IMPROVEMENTS

INFRASTRUCTURE IMPROVEMENTS

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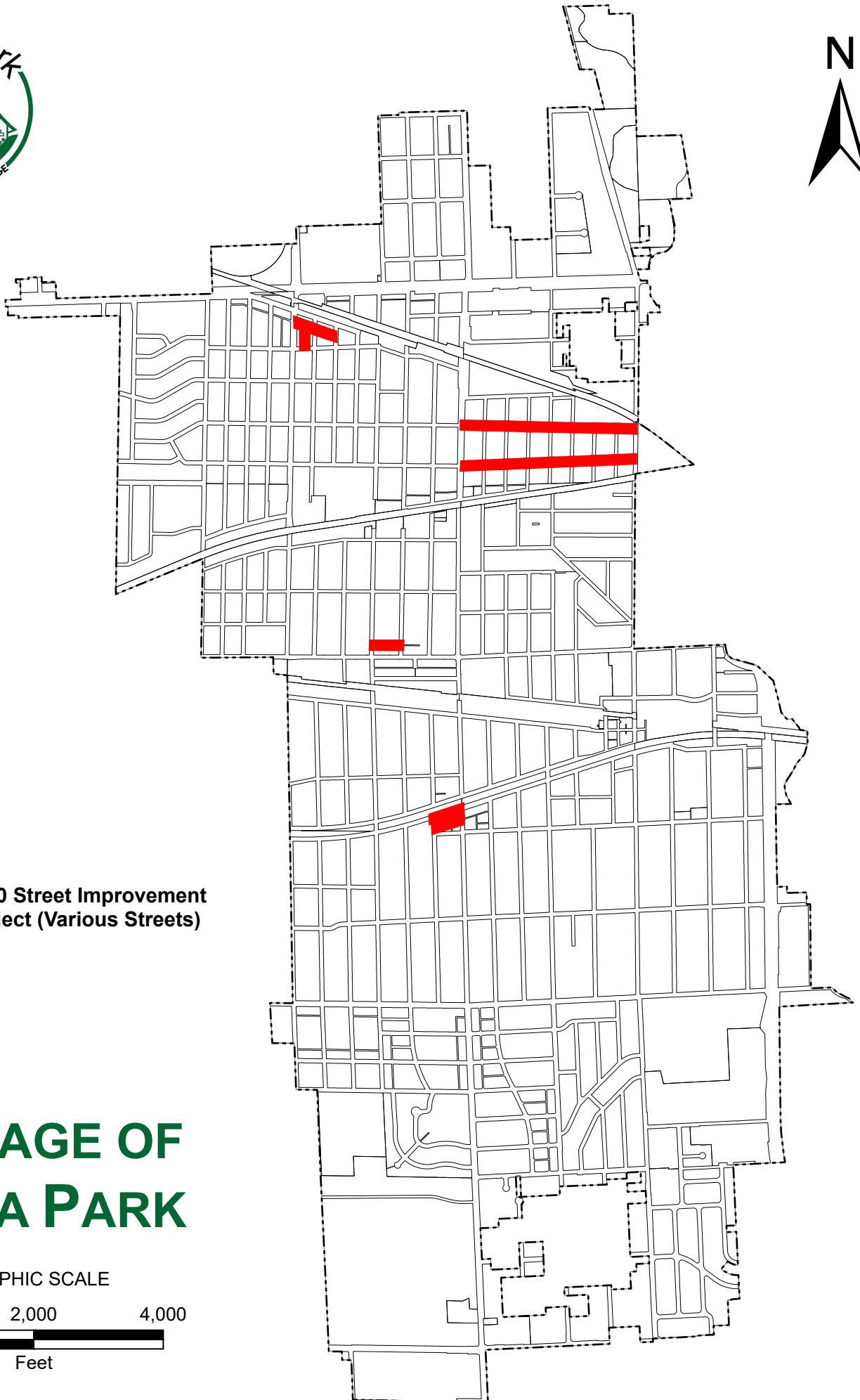
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): IEPA Wastewater Loan
Project Name: 2019 Sewer Rehabilitation Program	
Objective: To improve the condition of the Village's wastewater infrastructure.	
Description: These projects consists of selected improvements to the Village's wastewater infrastructure, and include sewer lining, manhole rehabilitation, sewer point repairs, and various other methods. These improvements were included in previous years' Capital Improvement Plans as part of the larger "IEPA Wastewater Loan Projects".	
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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
IEPA Wastewater Loan	217,890	195,090	22,800	-	-	-	-	-
Engineering Subtotals	217,890	195,090	22,800	-	-	-	-	-

Construction / Building								
IEPA Wastewater Loan	1,156,200	924,900	231,300	-	-	-	-	-
Construction Subtotals	1,156,200	924,900	231,300	-	-	-	-	-

Funding Sources Subtotals								
IEPA Wastewater Loan	1,374,090	1,119,990	254,100	-	-	-	-	-
PROJECT TOTALS	1,374,090	1,119,990	254,100	-	-	-	-	-



 2020 Street Improvement Project (Various Streets)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Street Improvement Fund GO Bonds
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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Street Improvement Fund	300,000	24,000	276,000	-	-	-	-	-
GO Bonds	196,871	93,871	103,000	-	-	-	-	-
Engineering Subtotals	496,871	117,871	379,000	-	-	-	-	-

Construction / Building								
Street Improvement Fund	1,900,000	-	1,900,000	-	-	-	-	-
GO Bonds	1,030,000	-	1,030,000	-	-	-	-	-
Construction Subtotals	2,930,000	-	2,930,000	-	-	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	2,200,000	24,000	2,176,000	-	-	-	-	-
GO Bonds	1,226,871	93,871	1,133,000	-	-	-	-	-
PROJECT TOTALS	3,426,871	117,871	3,309,000	-	-	-	-	-

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VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): IEPA Wastewater Loan
Project Name: 2021 Sewer Rehabilitation Program	
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. These improvements were included in previous years' Capital Improvement Plans as part of the larger "IEPA Wastewater Loan Projects".	
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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
IEPA Wastewater Loan	192,000	-	96,000	96,000	-	-	-	-
Engineering Subtotals	192,000	-	96,000	96,000	-	-	-	-

Construction / Building								
IEPA Wastewater Loan	960,000	-	-	960,000	-	-	-	-
Construction Subtotals	960,000	-	-	960,000	-	-	-	-

Funding Sources Subtotals								
IEPA Wastewater Loan	1,152,000	-	96,000	1,056,000	-	-	-	-
PROJECT TOTALS	1,152,000	-	96,000	1,056,000	-	-	-	-

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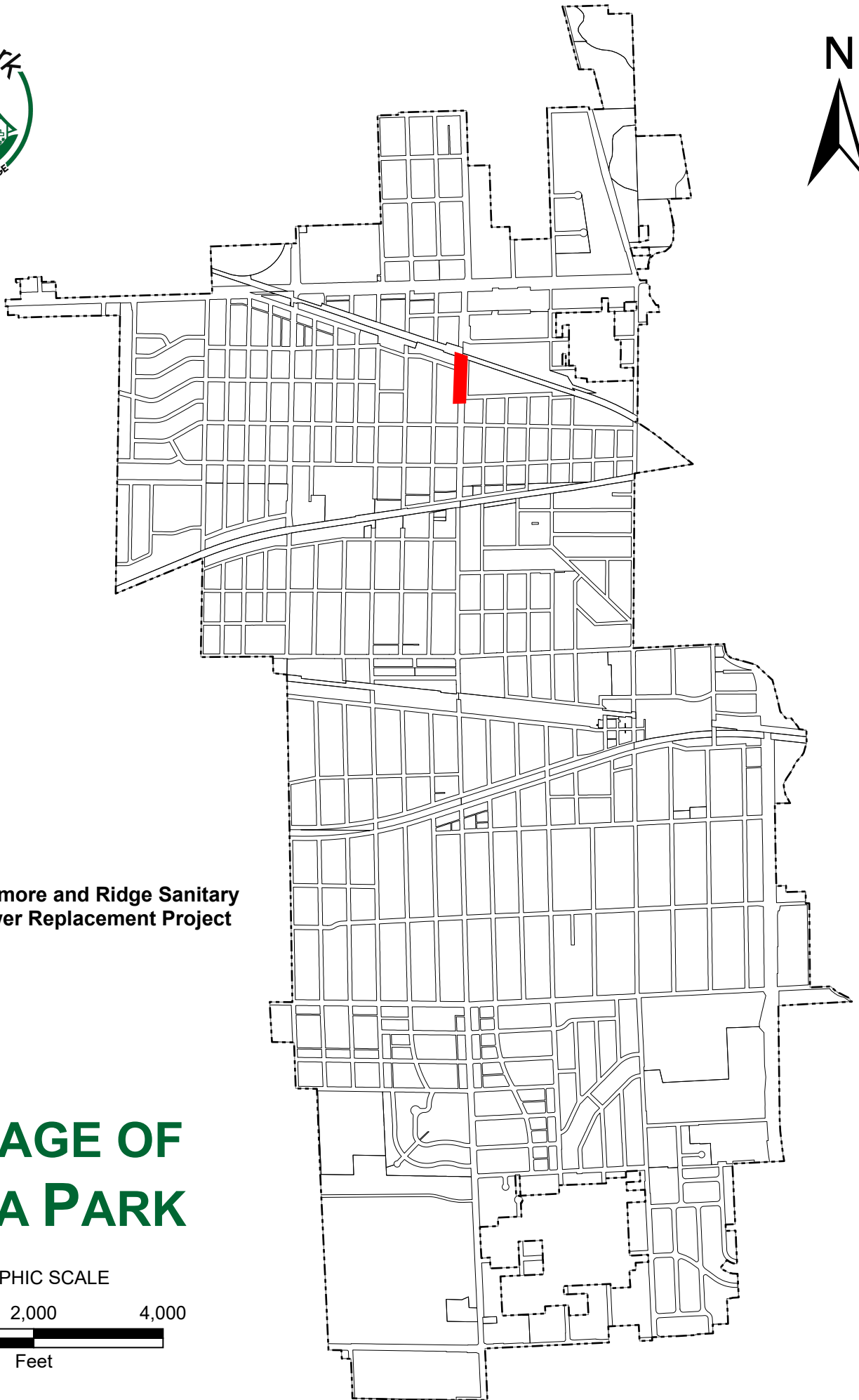
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Capital Projects Fund
Project Name: ADA Sidewalk Improvements	
Objective: To ensure the compliance of public sidewalks with the Americans with Disabilities Act (ADA).	
Description: This program consists of the replacement 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Capital Projects Fund	70,000	-	20,000	20,000	10,000	10,000	10,000	-
Engineering Subtotals	70,000	-	20,000	20,000	10,000	10,000	10,000	-

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

Funding Sources Subtotals								
Capital Projects Fund	420,000	-	120,000	120,000	60,000	60,000	60,000	-
PROJECT TOTALS	420,000	-	120,000	120,000	60,000	60,000	60,000	-



 **Ardmore and Ridge Sanitary Sewer Replacement Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

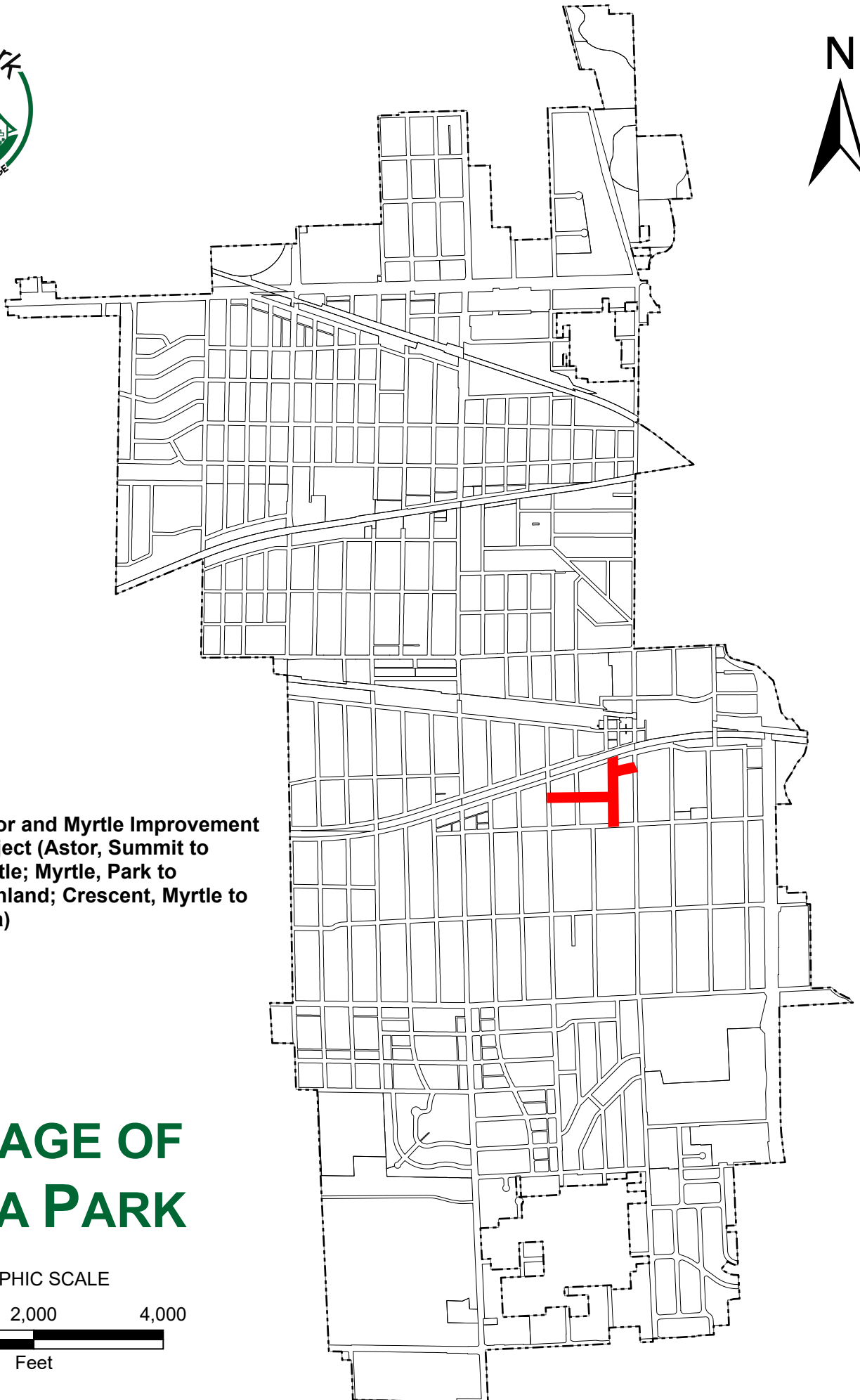
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Wastewater Fund
Project Name: Ardmore and Ridge Sanitary Sewer Replacement Project	
Objective: To replace a substandard sanitary sewer main in the vicinity of Ardmore Avenue and Ridge Road.	
Description: This project 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Wastewater Fund	22,000	-	-	-	-	-	-	22,000
Engineering Subtotals	22,000	-	-	-	-	-	-	22,000

Construction / Building								
Wastewater Fund	110,000	-	-	-	-	-	-	110,000
Construction Subtotals	110,000	-	-	-	-	-	-	110,000

Funding Sources Subtotals								
Wastewater Fund	132,000	-	-	-	-	-	-	132,000
PROJECT TOTALS	132,000	-	-	-	-	-	-	132,000



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

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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.	

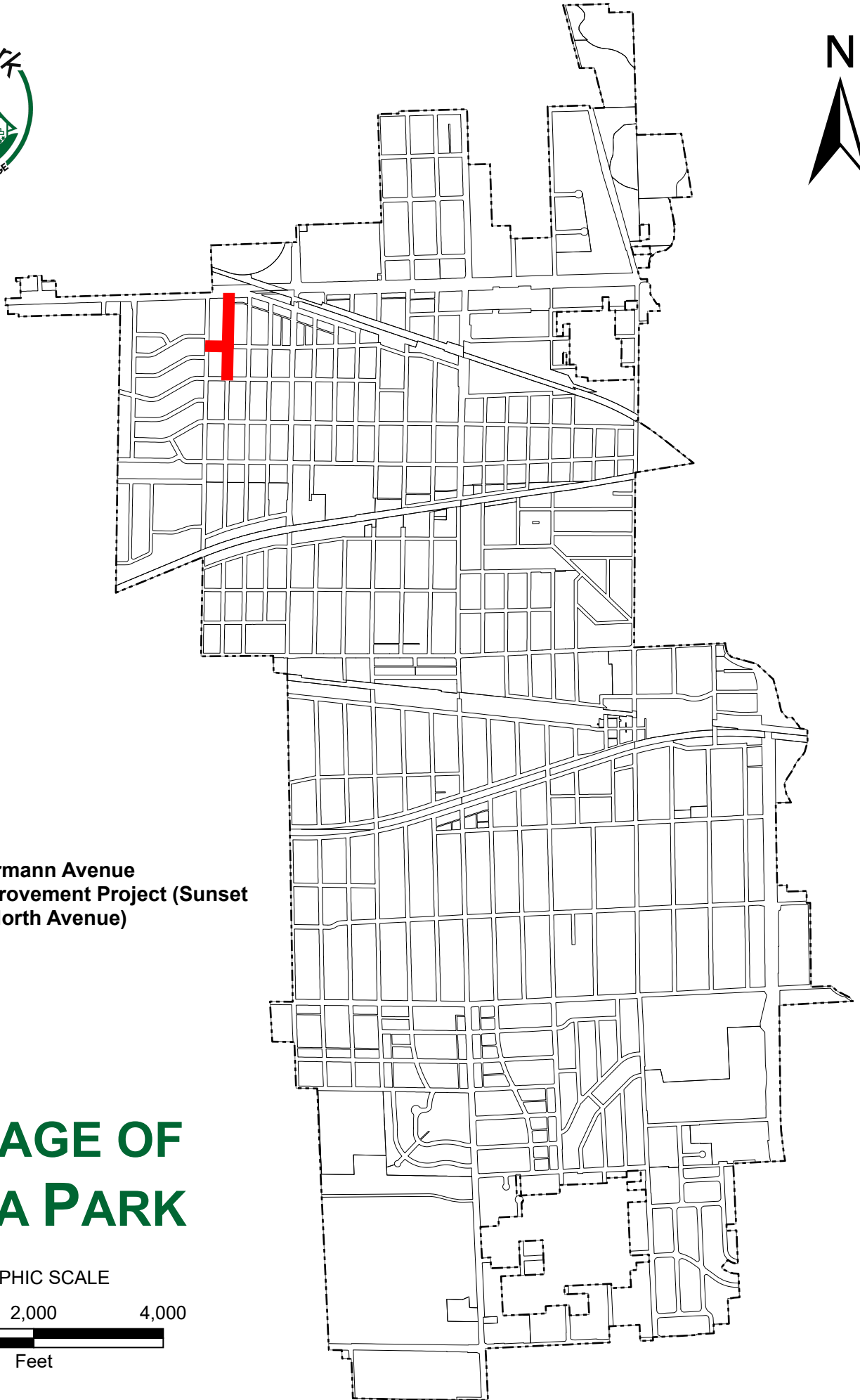
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	144,998	85,998	59,000	-	-	-	-	-
Stormwater Fund ¹	77,425	27,425	30,000	-	-	-	-	20,000
Water Supply Fund ³	8,000	2,000	6,000	-	-	-	-	-
Wastewater Fund ³	46,135	37,135	9,000	-	-	-	-	-
Sewer Separation ²	96,210	27,210	69,000	-	-	-	-	-
Engineering Subtotals	372,768	179,768	173,000	-	-	-	-	20,000

Construction / Building								
GO Bonds	590,000	-	590,000	-	-	-	-	-
Stormwater Fund ¹	488,000	80,000	300,000	-	-	-	-	108,000
Water Supply Fund ³	80,000	20,000	60,000	-	-	-	-	-
Wastewater Fund	120,000	30,000	90,000	-	-	-	-	-
Sewer Separation ²	870,000	180,000	690,000	-	-	-	-	-
Construction Subtotals	2,148,000	310,000	1,730,000	-	-	-	-	108,000

Funding Sources Subtotals								
GO Bonds	734,998	85,998	649,000	-	-	-	-	-
Stormwater Fund ¹	565,425	107,425	330,000	-	-	-	-	128,000
Water Supply Fund ³	88,000	22,000	66,000	-	-	-	-	-
Wastewater Fund ³	166,135	67,135	99,000	-	-	-	-	-
Sewer Separation ²	966,210	207,210	759,000	-	-	-	-	-
PROJECT TOTALS	2,520,768	489,768	1,903,000	-	-	-	-	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 (Sunset
to North Avenue)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund
Project Name: Biermann Avenue Improvement Project (Sunset to North Avenue)	
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.

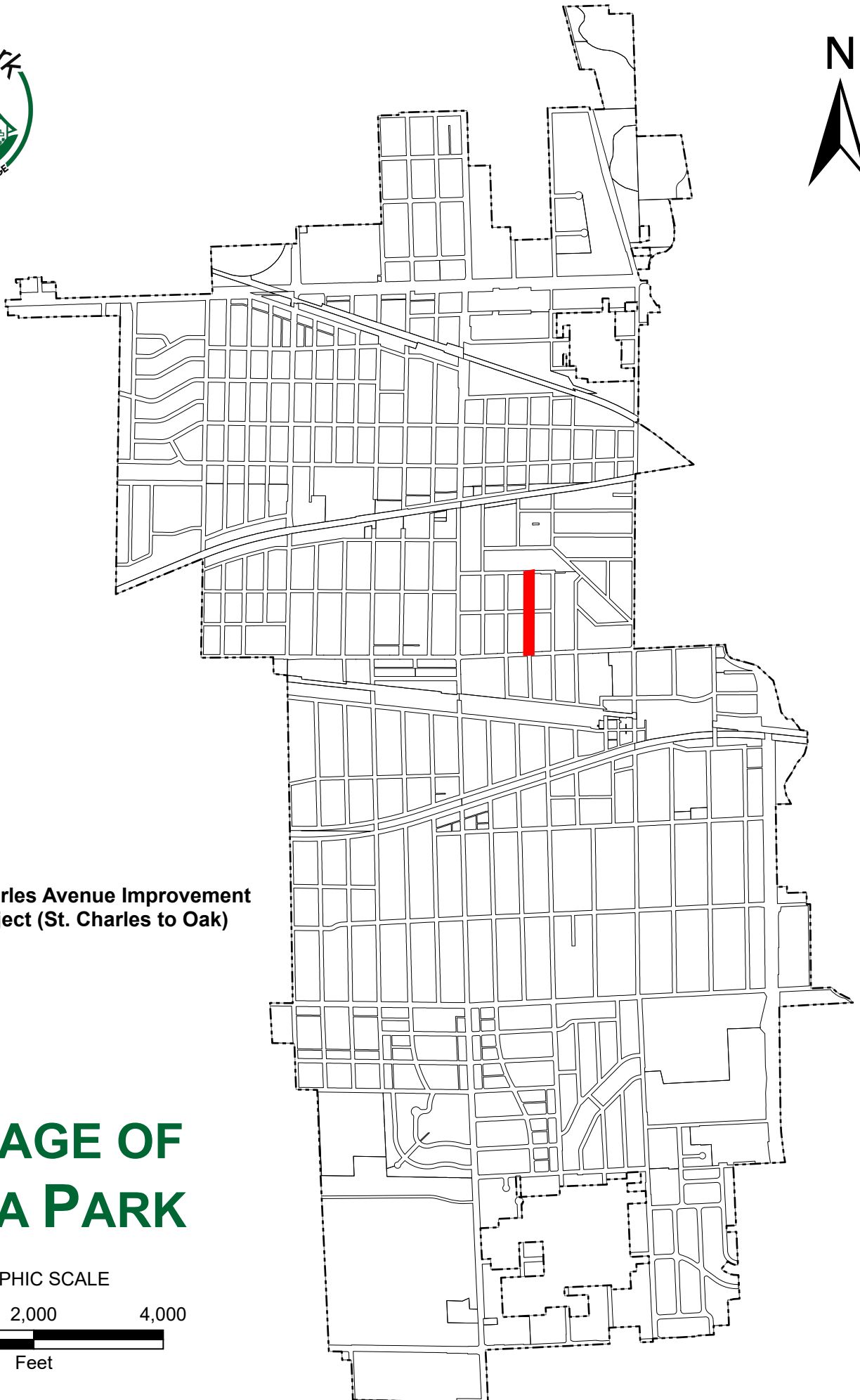
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	56,000	-	27,000	29,000	-	-	-	-
Water Supply Fund ¹	144,000	-	72,000	72,000	-	-	-	-
Wastewater Fund ¹	6,000	-	3,000	3,000	-	-	-	-
Engineering Subtotals	206,000	-	102,000	104,000	-	-	-	-

Construction / Building								
GO Bonds	290,000	-	-	290,000	-	-	-	-
Water Supply Fund ¹	720,000	-	-	720,000	-	-	-	-
Wastewater Fund ¹	30,000	-	-	30,000	-	-	-	-
Construction Subtotals	1,040,000	-	-	1,040,000	-	-	-	-

Funding Sources Subtotals								
GO Bonds	346,000	-	27,000	319,000	-	-	-	-
Water Supply Fund ¹	864,000	-	72,000	792,000	-	-	-	-
Wastewater Fund ¹	36,000	-	3,000	33,000	-	-	-	-
PROJECT TOTALS	1,246,000	-	102,000	1,144,000	-	-	-	-

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

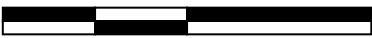


 Charles Avenue Improvement Project (St. Charles to Oak)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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. To reduce the frequency and severity of flooding and sewer backups by separating the existing combined sewer.
Description:	This project consists of the reconstruction of North Charles Avenue from St. Charles Road to Oak Street. The project includes combined sewer separation and the 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 existing 4" water main has insufficient capacity. The Illinois EPA Wastewater Pollution Control Loan Program (WPCLP) is expected to provide loan funding for the combined sewer separation.

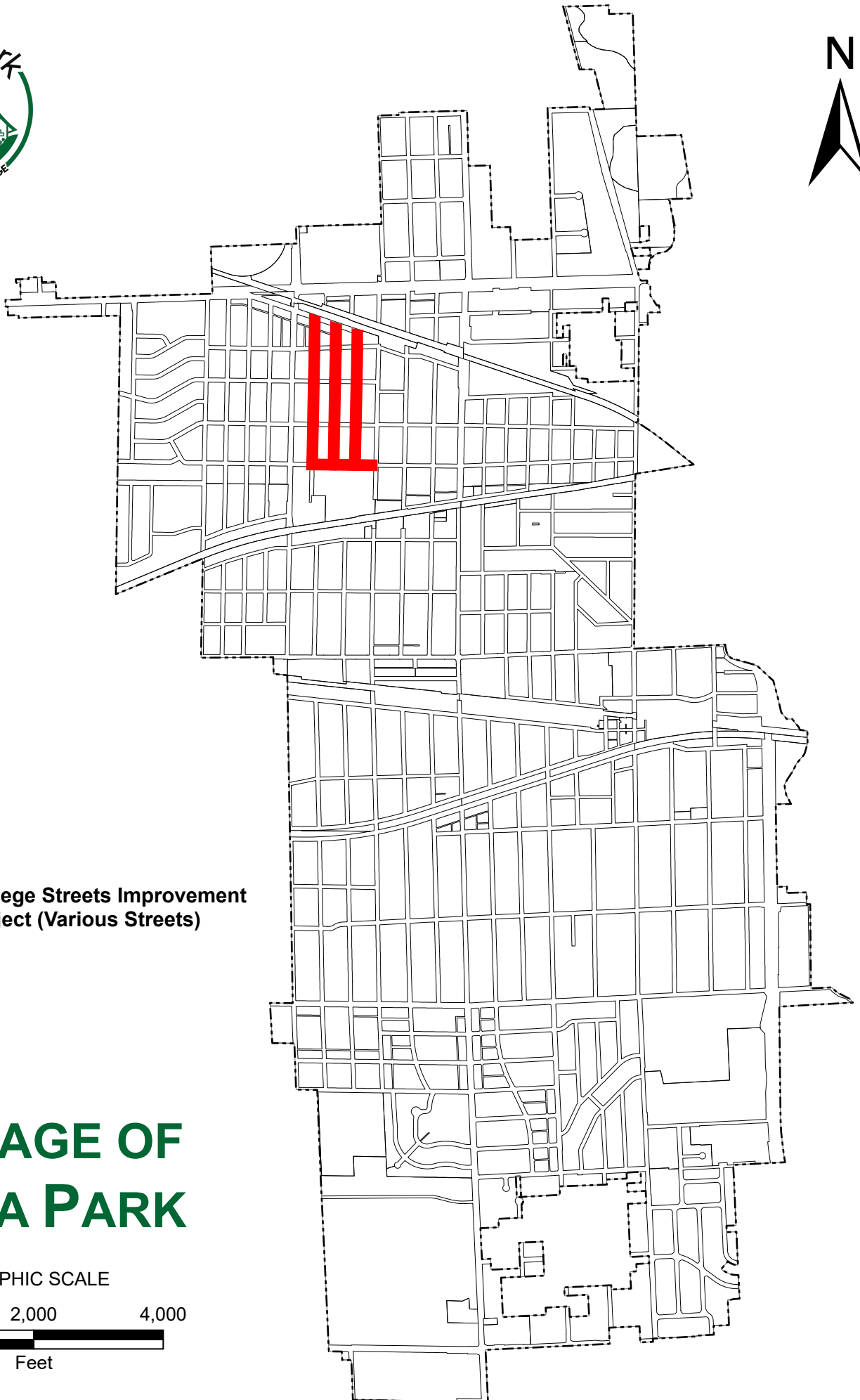
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	76,091	36,091	40,000	-	-	-	-	-
Stormwater Fund ¹	78,000	-	-	-	-	-	-	78,000
Water Supply Fund ³	117,500	55,500	62,000	-	-	-	-	-
Wastewater Fund ³	3,000	-	3,000	-	-	-	-	-
Sewer Separation ²	186,609	81,609	105,000	-	-	-	-	-
Engineering Subtotals	461,200	173,200	210,000	-	-	-	-	78,000

Construction / Building								
GO Bonds	400,000	-	400,000	-	-	-	-	-
Stormwater Fund ¹	390,000	-	-	-	-	-	-	390,000
Water Supply Fund ³	620,000	-	620,000	-	-	-	-	-
Wastewater Fund ³	30,000	-	30,000	-	-	-	-	-
Sewer Separation ²	1,050,000	-	1,050,000	-	-	-	-	-
Construction Subtotals	2,490,000	-	2,100,000	-	-	-	-	390,000

Funding Sources Subtotals								
GO Bonds	476,091	36,091	440,000	-	-	-	-	-
Stormwater Fund ¹	468,000	-	-	-	-	-	-	468,000
Water Supply Fund ³	737,500	55,500	682,000	-	-	-	-	-
Wastewater Fund ³	33,000	-	33,000	-	-	-	-	-
Sewer Separation ²	1,236,609	81,609	1,155,000	-	-	-	-	-
PROJECT TOTALS	2,951,200	173,200	2,310,000	-	-	-	-	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

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Street Improvement Fund	26,000	5,000	21,000	-	-	-	-	-
GO Bonds	136,967	50,967	86,000	-	-	-	-	-
Water Supply Fund	5,000	-	5,000	-	-	-	-	-
Wastewater Fund ¹	4,000	-	4,000	-	-	-	-	-
IEPA Water Loan	423,350	196,350	227,000	-	-	-	-	-
Engineering Subtotals	595,317	252,317	343,000	-	-	-	-	-

Construction / Building								
Street Improvement Fund	210,000	-	210,000	-	-	-	-	-
GO Bonds	860,000	-	860,000	-	-	-	-	-
Water Supply Fund	50,000	-	50,000	-	-	-	-	-
Wastewater Fund ¹	40,000	-	40,000	-	-	-	-	-
IEPA Water Loan	2,270,000	-	2,270,000	-	-	-	-	-
Construction Subtotals	3,430,000	-	3,430,000	-	-	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	236,000	5,000	231,000	-	-	-	-	-
GO Bonds	996,967	50,967	946,000	-	-	-	-	-
Water Supply Fund	55,000	-	55,000	-	-	-	-	-
Wastewater Fund ¹	44,000	-	44,000	-	-	-	-	-
IEPA Water Loan	2,693,350	196,350	2,497,000	-	-	-	-	-
PROJECT TOTALS	4,025,317	252,317	3,773,000	-	-	-	-	-

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

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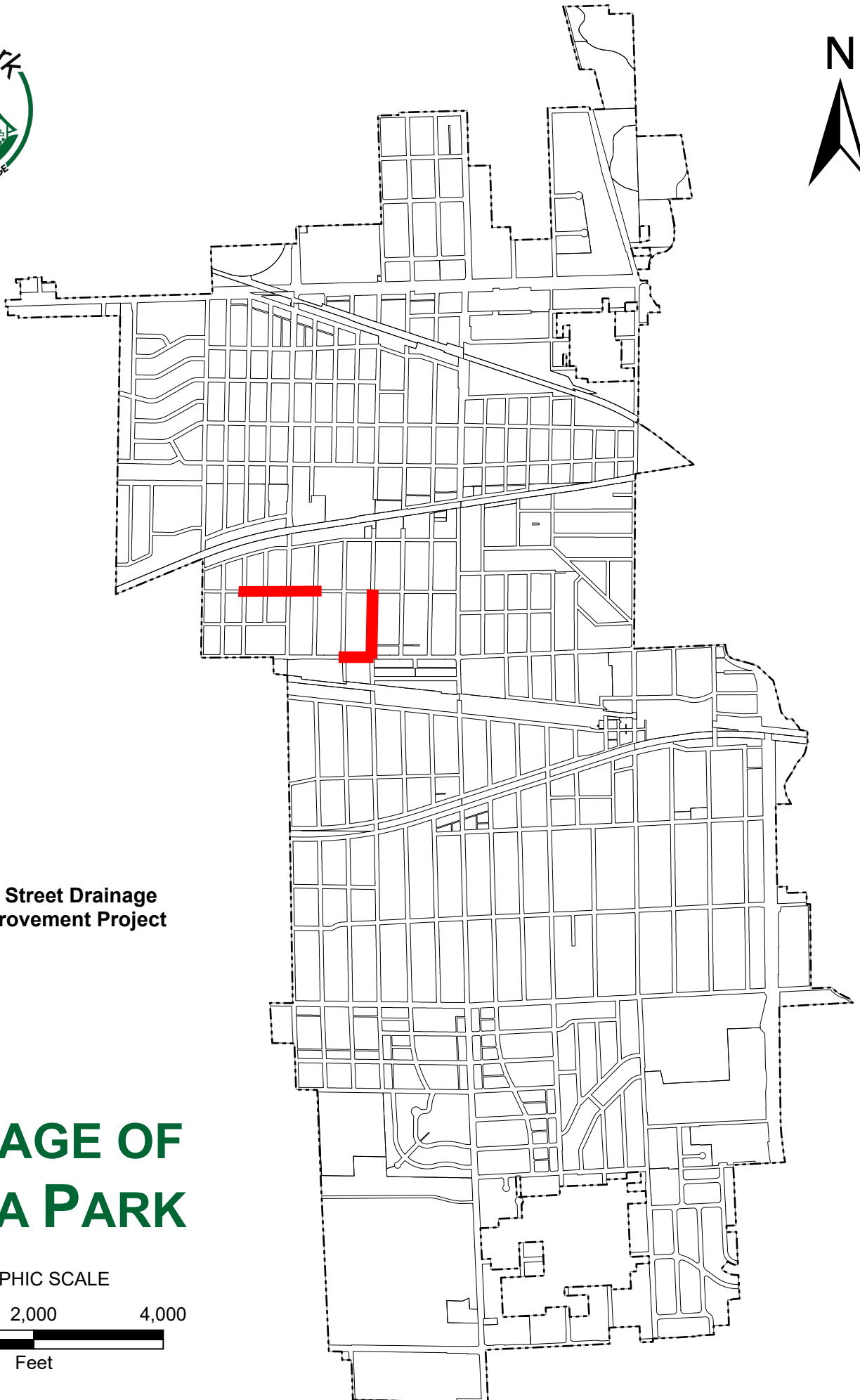
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Stormwater Fund Private Funds
Project Name: Drainage Assistance Program	
Objective: To alleviate drainage issues throughout the Village.	
Description: This program consists of the construction of drainage structures 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund	80,000	40,000	40,000	-	-	-	-	-
Private Funds	-	-	-	-	-	-	-	-
Engineering Subtotals	80,000	40,000	40,000	-	-	-	-	-

Construction / Building								
Stormwater Fund	212,953	57,953	75,000	20,000	20,000	20,000	20,000	-
Private Funds	212,953	57,953	75,000	20,000	20,000	20,000	20,000	-
Construction Subtotals	425,906	115,906	150,000	40,000	40,000	40,000	40,000	-

Funding Sources Subtotals								
Stormwater Fund	292,953	97,953	115,000	20,000	20,000	20,000	20,000	-
Private Funds	212,953	57,953	75,000	20,000	20,000	20,000	20,000	-
PROJECT TOTALS	505,906	155,906	190,000	40,000	40,000	40,000	40,000	-



 Elm Street Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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).	

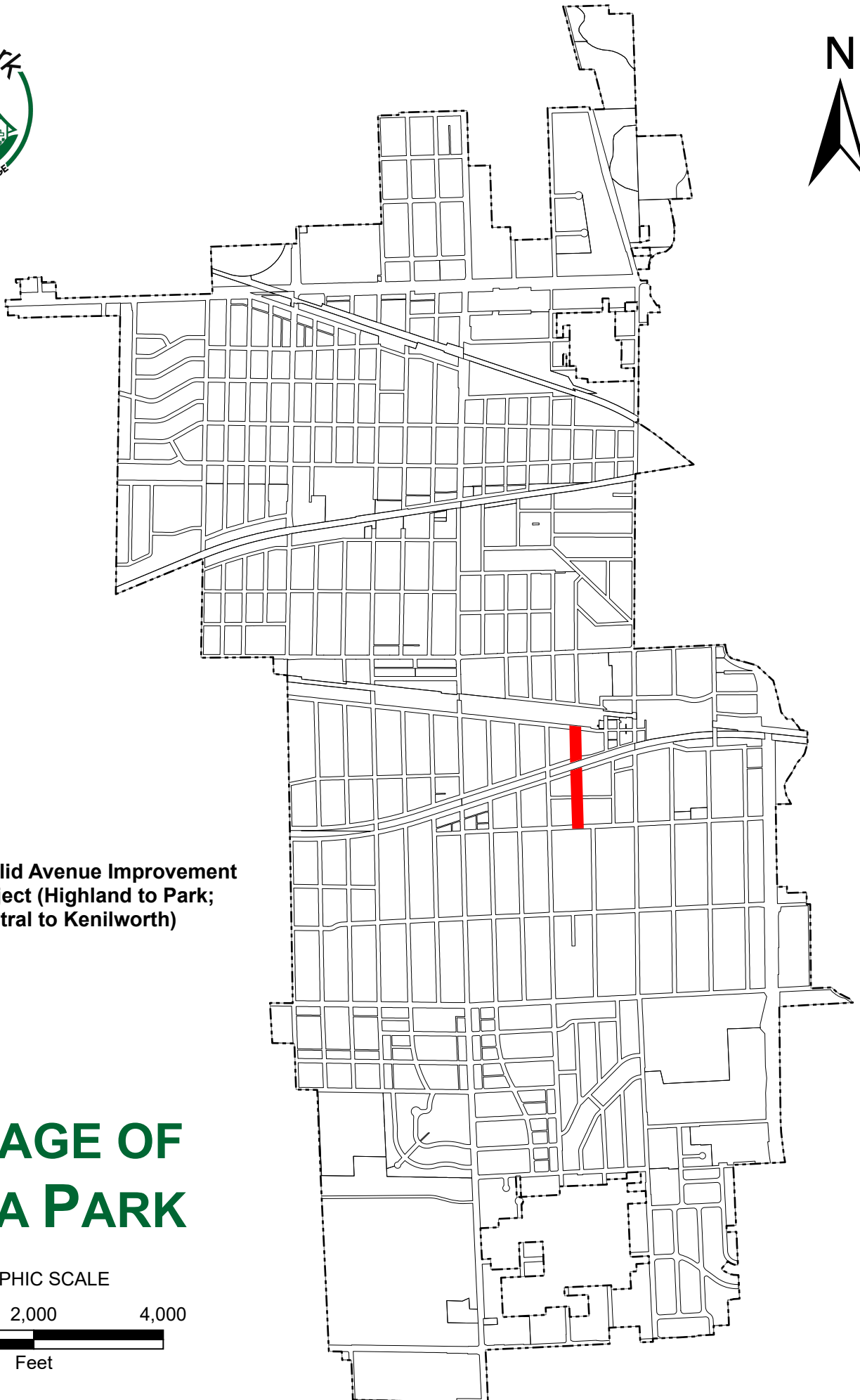
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

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 (Highland to Park;
Central to Kenilworth)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund
Project Name: Euclid Avenue Improvement Project (Highland to Park; Central to Kenilworth)	
Objective:	To 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.

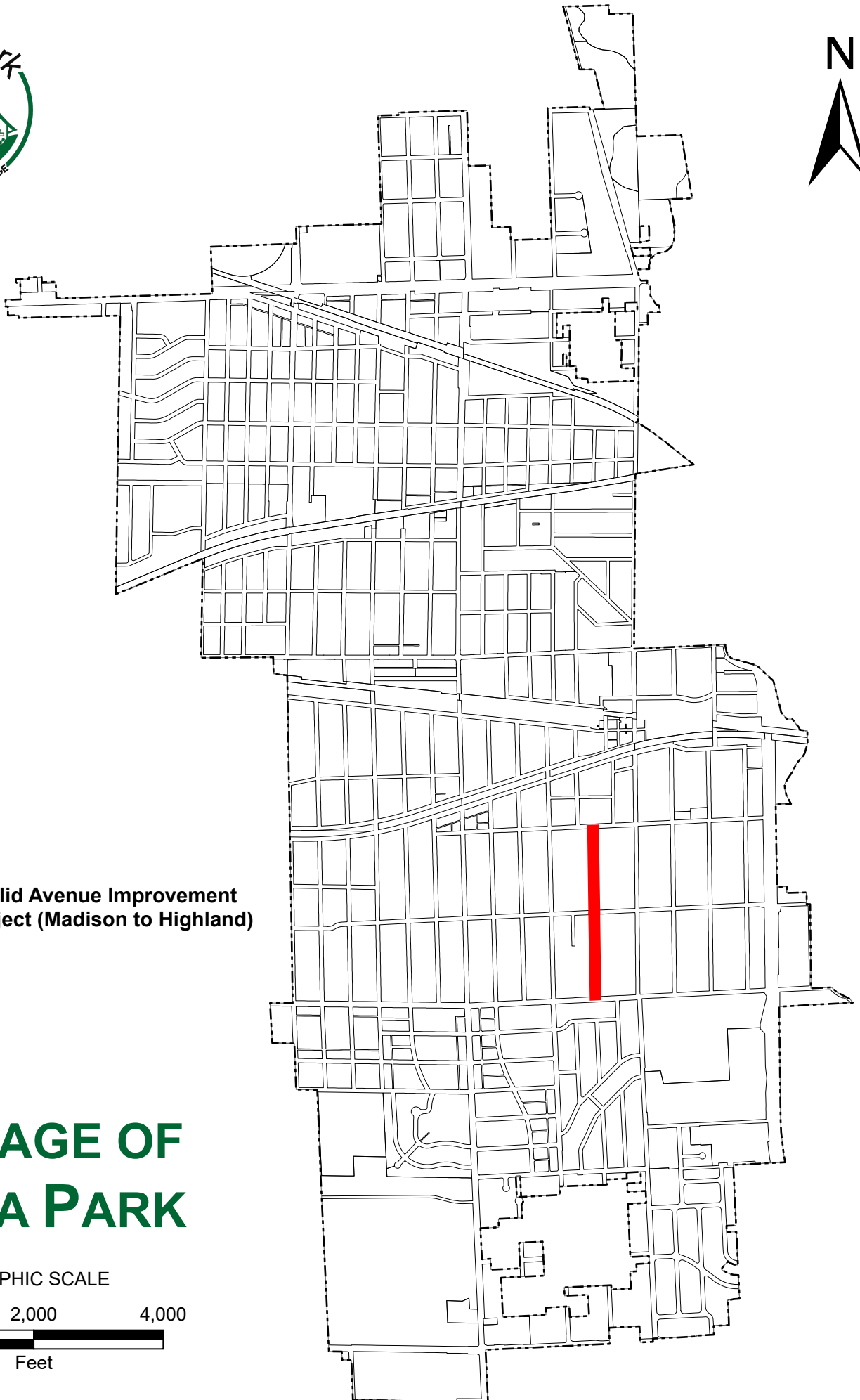
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services									
GO Bonds	93,902	52,902	41,000	-	-	-	-	-	-
Water Supply Fund ¹	3,700	800	2,900	-	-	-	-	-	-
Wastewater Fund ¹	2,300	500	1,800	-	-	-	-	-	-
Engineering Subtotals	99,902	54,202	45,700	-	-	-	-	-	-

Construction / Building									
GO Bonds	410,000	-	410,000	-	-	-	-	-	-
Water Supply Fund ¹	37,000	8,000	29,000	-	-	-	-	-	-
Wastewater Fund ¹	23,000	5,000	18,000	-	-	-	-	-	-
Construction Subtotals	470,000	13,000	457,000	-	-	-	-	-	-

Funding Sources Subtotals									
GO Bonds	503,902	52,902	451,000	-	-	-	-	-	-
Water Supply Fund ¹	40,700	8,800	31,900	-	-	-	-	-	-
Wastewater Fund ¹	25,300	5,500	19,800	-	-	-	-	-	-
PROJECT TOTALS	569,902	67,202	502,700	-	-	-	-	-	-

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



 **Euclid Avenue Improvement Project (Madison to Highland)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Euclid Avenue Improvement Project (Madison to Highland)	
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.	

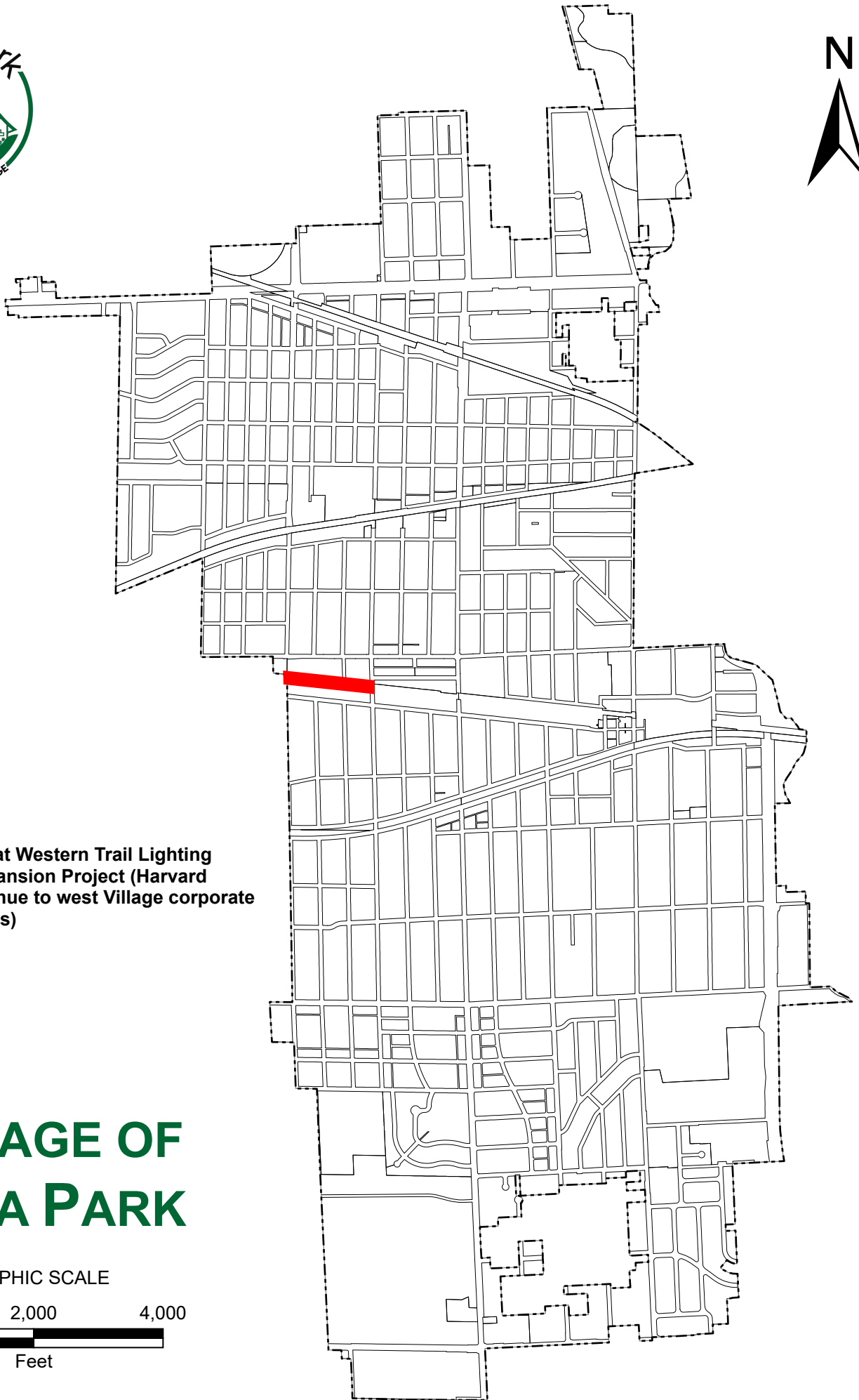
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	69,000	-	33,000	36,000	-	-	-	-
Water Supply Fund ²	10,000	-	5,000	5,000	-	-	-	-
Wastewater Fund ²	6,000	-	3,000	3,000	-	-	-	-
Sewer Separation ¹	106,000	-	53,000	53,000	-	-	-	-
Engineering Subtotals	191,000	-	94,000	97,000	-	-	-	-

Construction / Building								
GO Bonds	360,000	-	-	360,000	-	-	-	-
Water Supply Fund ²	50,000	-	-	50,000	-	-	-	-
Wastewater Fund ²	30,000	-	-	30,000	-	-	-	-
Sewer Separation ¹	530,000	-	-	530,000	-	-	-	-
Construction Subtotals	970,000	-	-	970,000	-	-	-	-

Funding Sources Subtotals								
GO Bonds	429,000	-	33,000	396,000	-	-	-	-
Water Supply Fund ²	60,000	-	5,000	55,000	-	-	-	-
Wastewater Fund ²	36,000	-	3,000	33,000	-	-	-	-
Sewer Separation ¹	636,000	-	53,000	583,000	-	-	-	-
PROJECT TOTALS	1,161,000	-	94,000	1,067,000	-	-	-	-

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



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

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

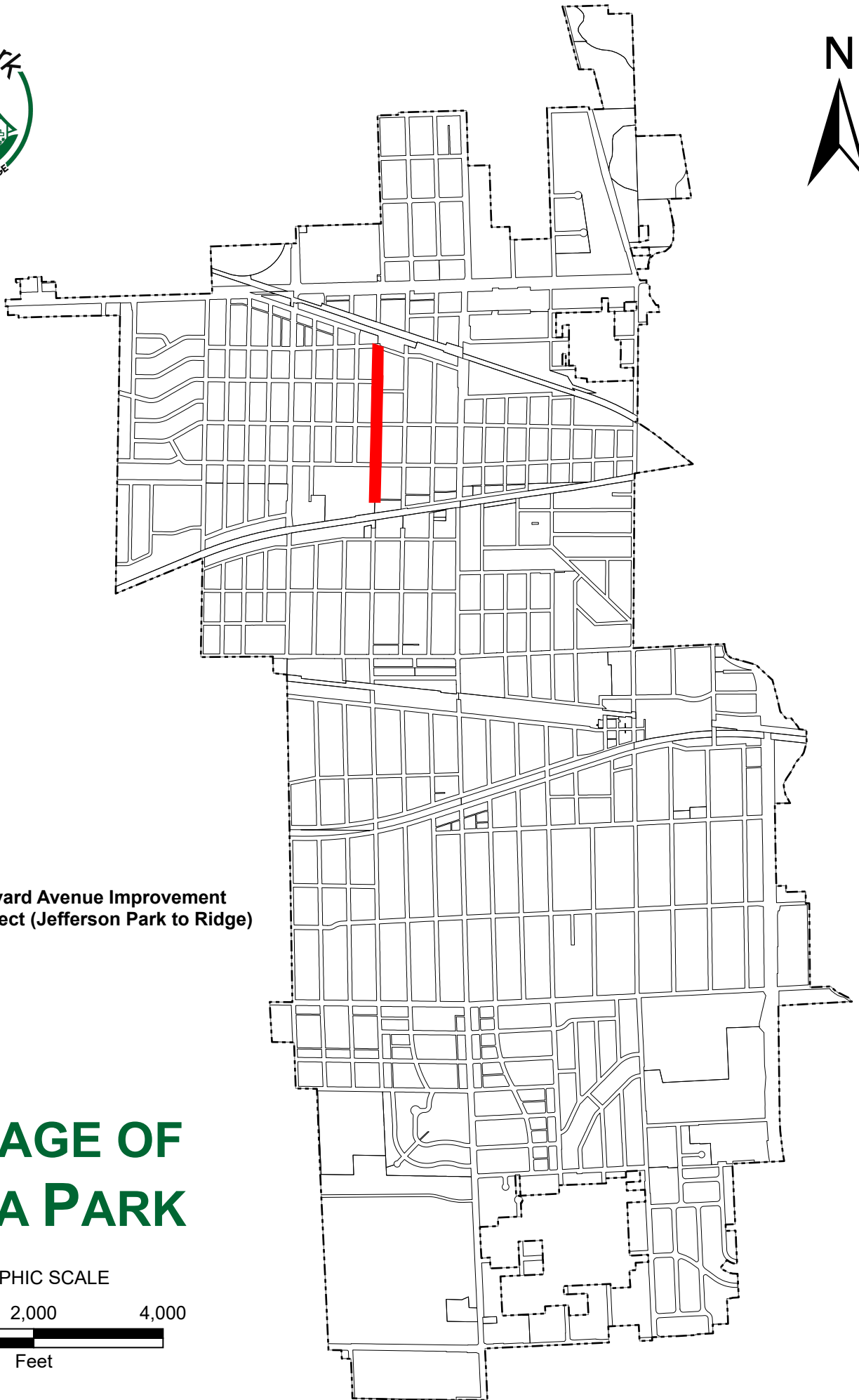
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Capital Projects Fund
Project Name: Great Western Trail Lighting Expansion Project (Harvard Avenue to west Village corporate limits)	
Objective: To improve the safety of pedestrians and cyclists on the Great Western 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Capital Projects Fund	24,000	-	-	-	-	-	-	24,000
Engineering Subtotals	24,000	-	-	-	-	-	-	24,000

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	199,946	55,946	-	-	-	-	-	144,000
PROJECT TOTALS	199,946	55,946	-	-	-	-	-	144,000



 Harvard Avenue Improvement Project (Jefferson Park to Ridge)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Wastewater Fund IEPA Water Loan
Project Name: Harvard Avenue Improvement Project (Jefferson Park to Ridge)	
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 improvements on North Harvard Avenue from Jefferson Park to Ridge Road. The project includes the replacement of the existing 4" water main from Jefferson Park to Sunset Drive. The water main improvements are expected to be funded through an IEPA Water Loan. The IEPA Water Loan costs were previously included in the project "IEPA Water Loan Group #3" but are now included as a part of this project. The village has also submitted an application for CDBG grant funding which, if awarded, could help to defray the cost of the water main improvements. 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. The pavement improvements are to be partially funded by voter approved bond proceeds. The existing 4" water main has insufficient capacity and 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.	

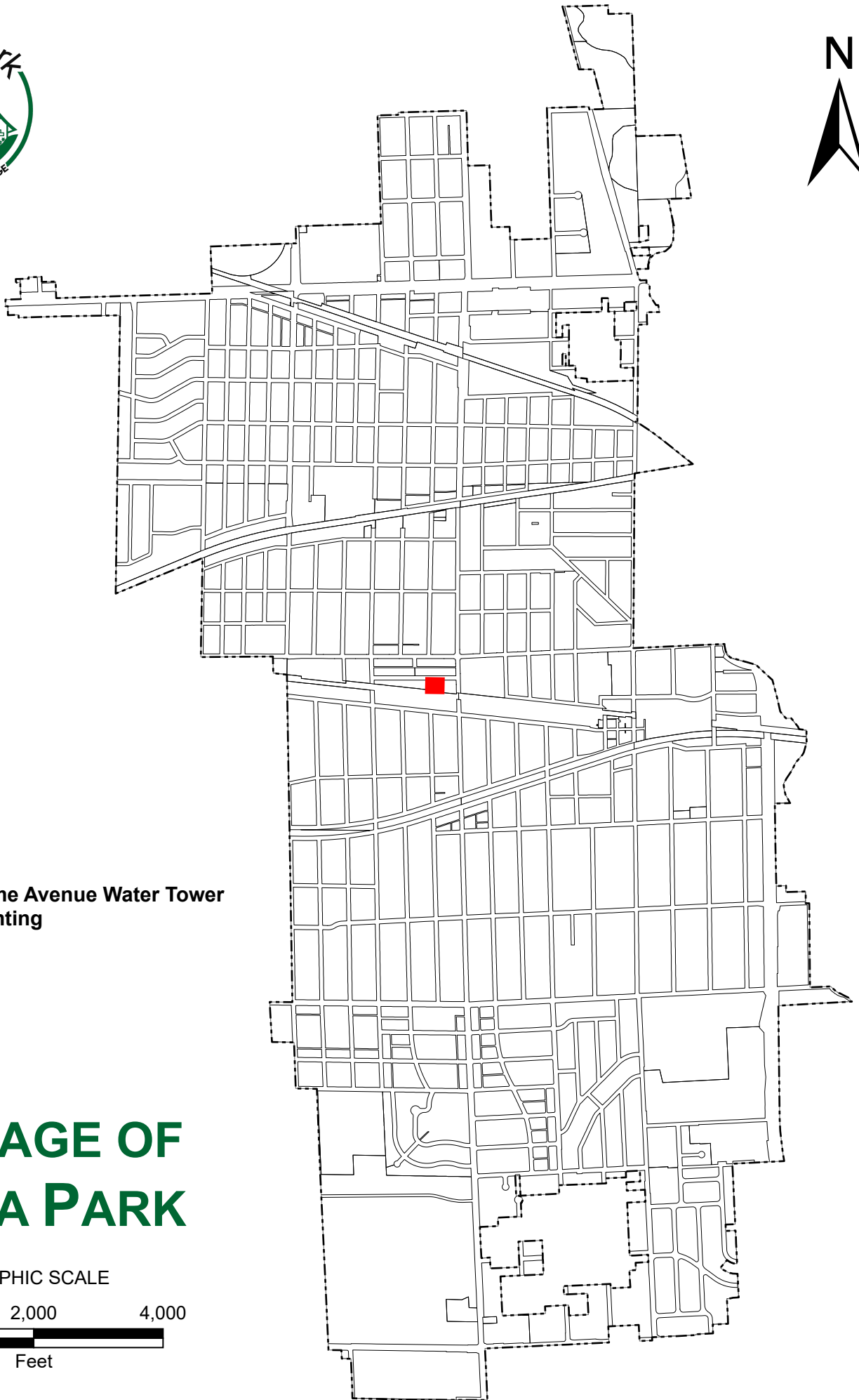
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	150,000	-	75,000	75,000	-	-	-	-
Wastewater Fund ¹	10,000	-	5,000	5,000	-	-	-	-
IEPA Water Loan	160,000	-	80,000	80,000	-	-	-	-
Engineering Subtotals	320,000	-	160,000	160,000	-	-	-	-

Construction / Building								
GO Bonds	750,000	-	-	750,000	-	-	-	-
Wastewater Fund ¹	50,000	-	-	50,000	-	-	-	-
IEPA Water Loan	800,000	-	-	800,000	-	-	-	-
Construction Subtotals	1,600,000	-	-	1,600,000	-	-	-	-

Funding Sources Subtotals								
GO Bonds	900,000	-	75,000	825,000	-	-	-	-
Wastewater Fund ¹	60,000	-	5,000	55,000	-	-	-	-
IEPA Water Loan	960,000	-	80,000	880,000	-	-	-	-
PROJECT TOTALS	1,920,000	-	160,000	1,760,000	-	-	-	-

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



 Home Avenue Water Tower Painting

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

Fund(s) / Department(s):
Water Supply Fund

NEW

Project Name: Home Avenue Water Tower Painting

Objective: To protect and preserve a critical component of the Village's water supply infrastructure.

Description: This project consists of the sandblasting and repainting of the Village water tower on West Home Avenue next to the Public Works Department. The tower, with its capacity of two million (2,000,000) gallons, is a critical component of the Village's water supply infrastructure. The water tower on Home Avenue is one of two owned by the Village. The other, located on North Princeton Avenue, is proposed for painting in 2021.

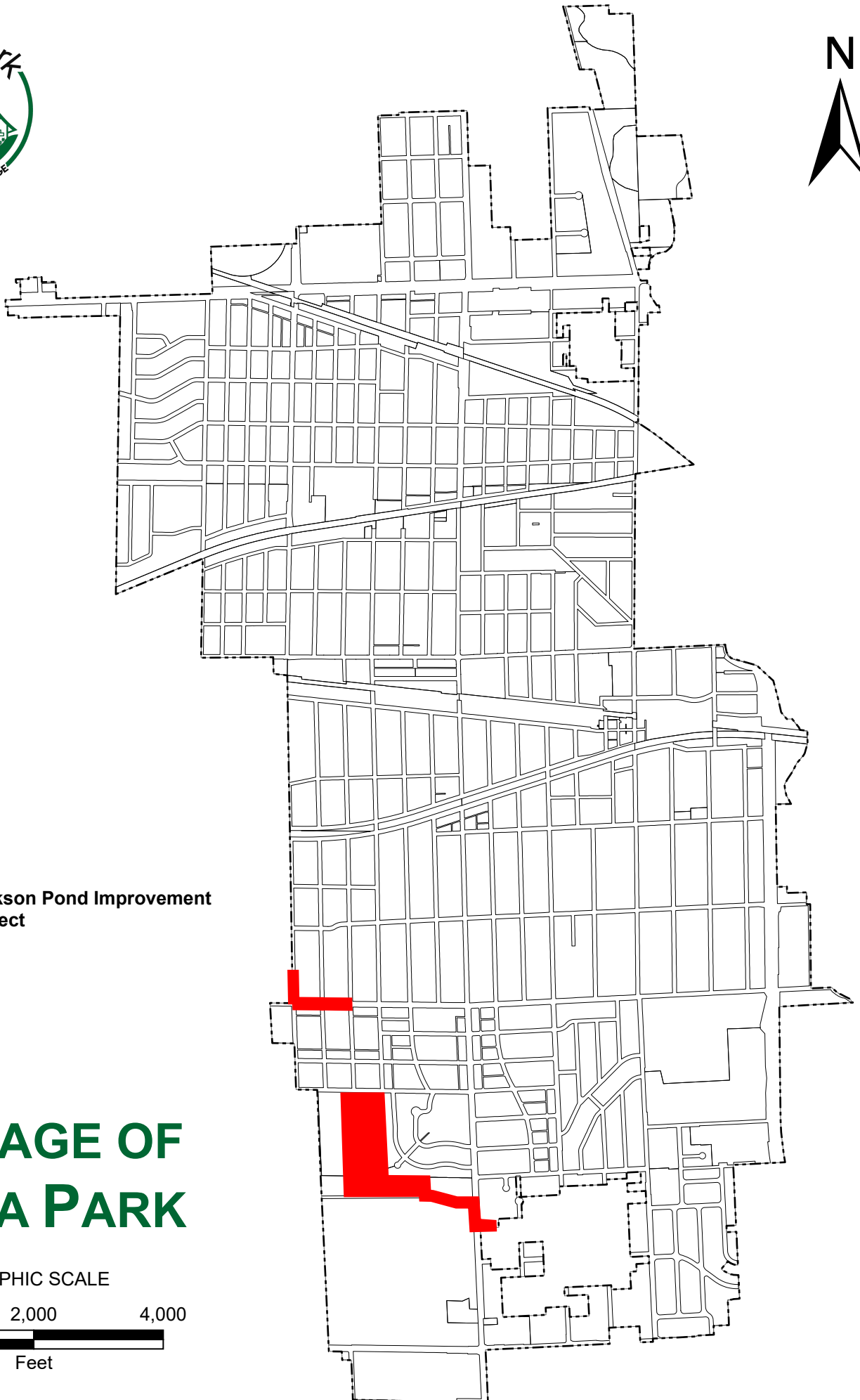
Justification: The Village's water tanks provide not only for the storage of drinking water, but also help to maintain pressure in the water supply system and to reduce operating costs. Periodic painting of water tanks is vital to provide adequate corrosion protection, maintain structural integrity, and ensure long life for the Village's water towers.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

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

Construction / Building								
Water Supply Fund	635,000	-	635,000	-	-	-	-	-
Construction Subtotals	635,000	-	635,000	-	-	-	-	-

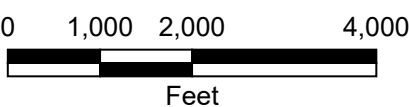
Funding Sources Subtotals								
Water Supply Fund	635,000	-	635,000	-	-	-	-	-
PROJECT TOTALS	635,000	-	635,000	-	-	-	-	-



 Jackson Pond Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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.	

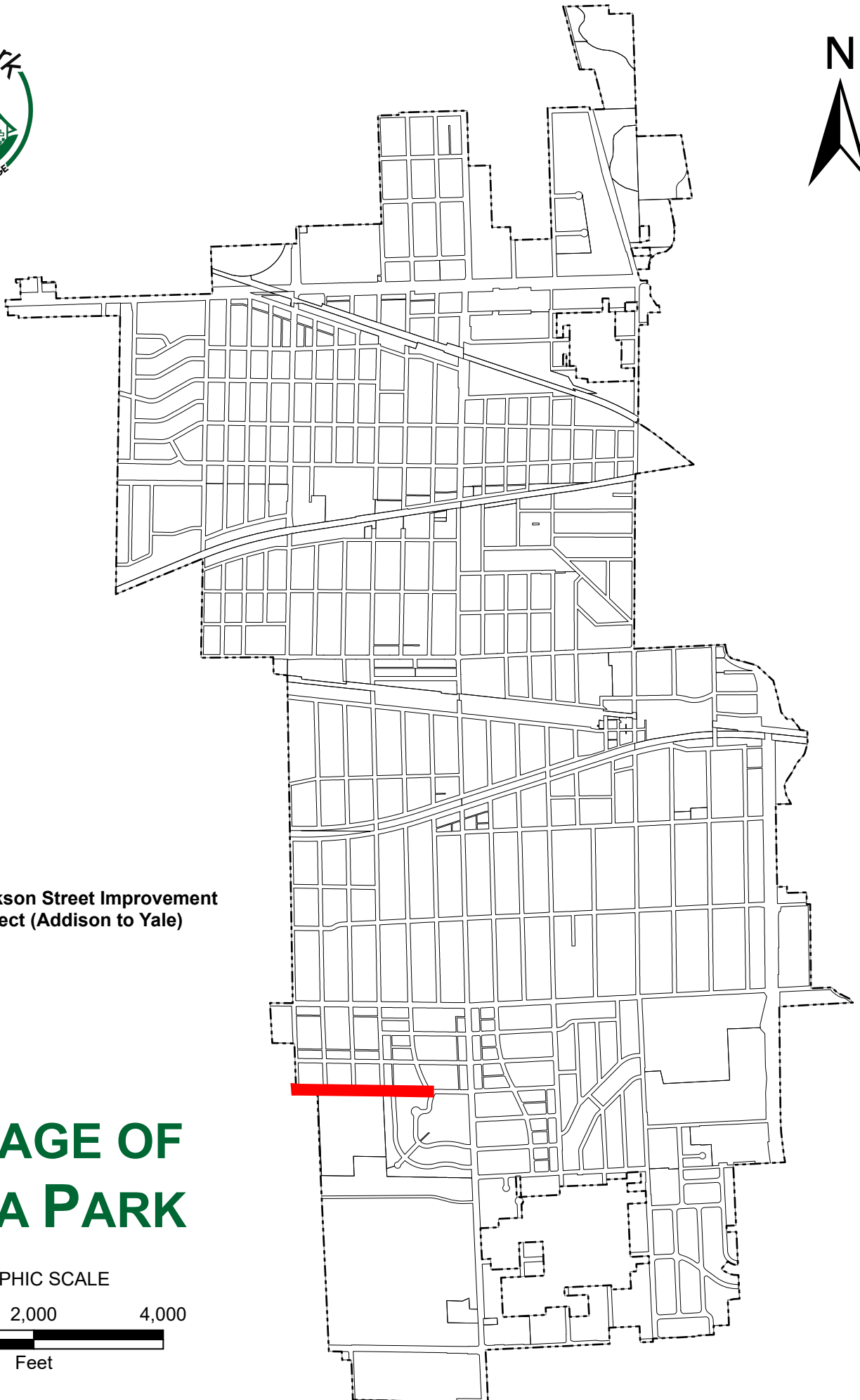
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	


Engineering / Professional Services								
Stormwater Fund ^{1 2}	1,097,194	320,194	425,000	146,000	206,000	-	-	-
CDBG-DR Grant	-	-	-	-	-	-	-	-
Engineering Subtotals	1,097,194	320,194	425,000	146,000	206,000	-	-	-

Construction / Building								
Stormwater Fund ^{1 2}	5,436,522	1,546,522	370,000	1,460,000	2,060,000	-	-	-
CDBG-DR Grant	550,000	550,000	-	-	-	-	-	-
Construction Subtotals	5,986,522	2,096,522	370,000	1,460,000	2,060,000	-	-	-

Funding Sources Subtotals								
Stormwater Fund ^{1 2}	6,533,716	1,866,716	795,000	1,606,000	2,266,000	-	-	-
CDBG-DR Grant	550,000	550,000	-	-	-	-	-	-
PROJECT TOTALS	7,083,716	2,416,716	795,000	1,606,000	2,266,000	-	-	-

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.



 Jackson Street Improvement Project (Addison to Yale)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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.	

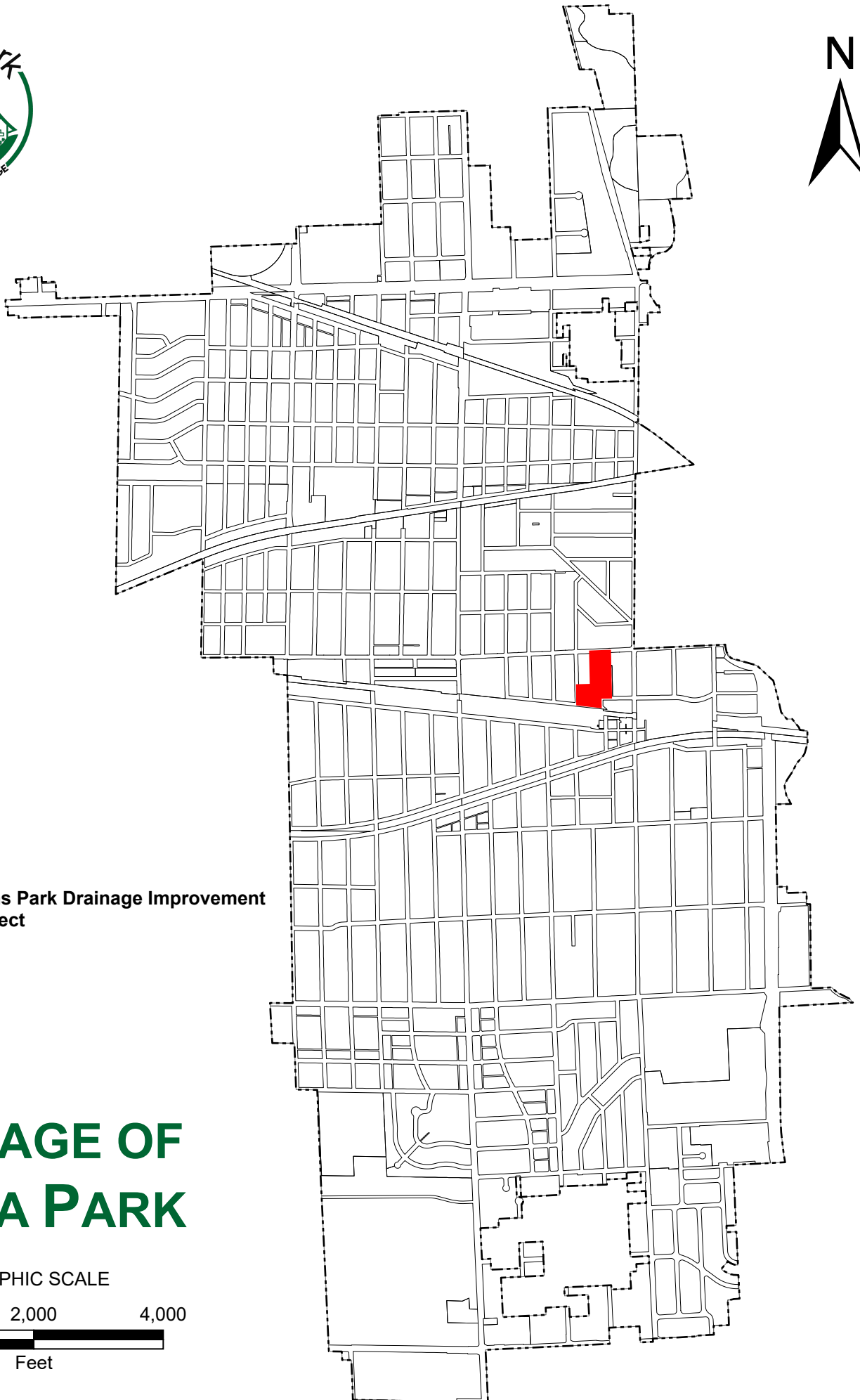
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	36,000	9,000	27,000	-	-	-	-	-
Wastewater Fund ¹	8,000	4,000	4,000	-	-	-	-	-
Engineering Subtotals	44,000	13,000	31,000	-	-	-	-	-

Construction / Building								
GO Bonds	180,000	-	180,000	-	-	-	-	-
Wastewater Fund ¹	40,000	-	40,000	-	-	-	-	-
Construction Subtotals	220,000	-	220,000	-	-	-	-	-

Funding Sources Subtotals								
GO Bonds	216,000	9,000	207,000	-	-	-	-	-
Wastewater Fund ¹	48,000	4,000	44,000	-	-	-	-	-
PROJECT TOTALS	264,000	13,000	251,000	-	-	-	-	-

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



 Lions Park Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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).	

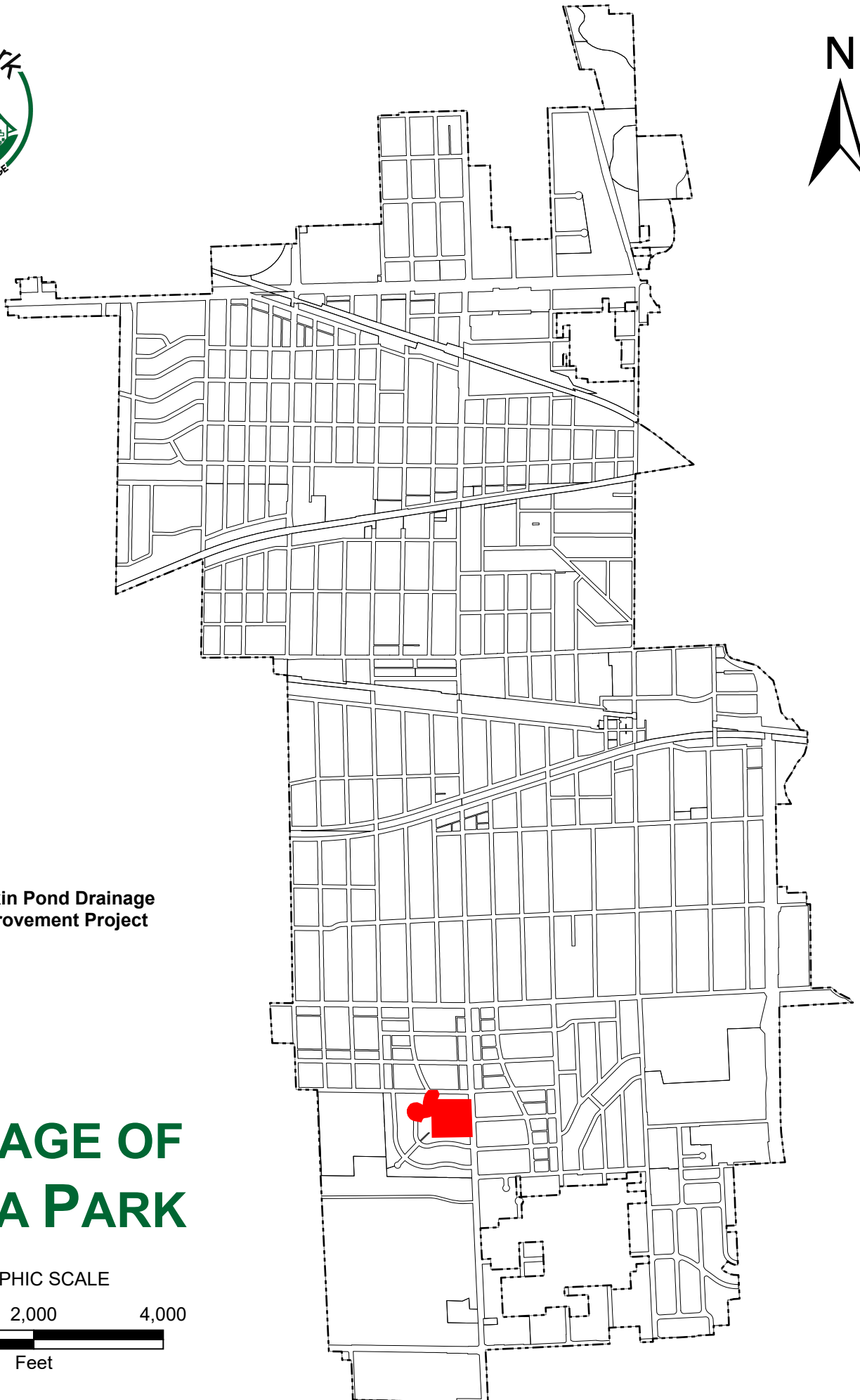
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund ¹	36,000	-	-	-	-	-	-	36,000
Engineering Subtotals	36,000	-	-	-	-	-	-	36,000

Construction / Building								
Stormwater Fund ¹	180,000	-	-	-	-	-	-	180,000
Construction Subtotals	180,000	-	-	-	-	-	-	180,000

Funding Sources Subtotals								
Stormwater Fund ¹	216,000	-	-	-	-	-	-	216,000
PROJECT TOTALS	216,000	-	-	-	-	-	-	216,000

1. Project component is dependent upon securing funding



 Lufkin Pond Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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.	

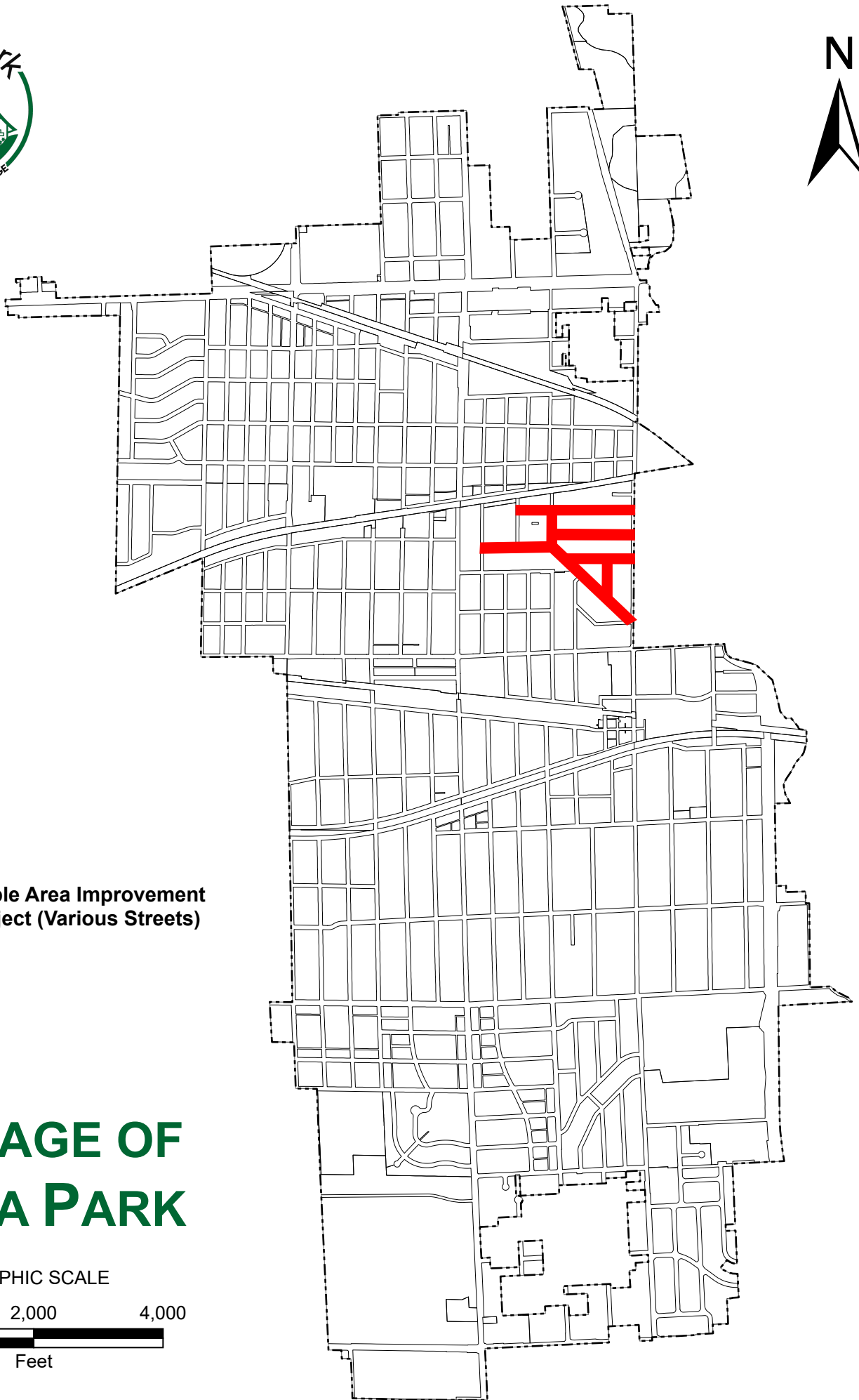
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund ¹	114,000	-	-	-	-	-	-	114,000
Engineering Subtotals	114,000	-	-	-	-	-	-	114,000

Construction / Building								
Stormwater Fund ¹	570,000	-	-	-	-	-	-	570,000
Construction Subtotals	570,000	-	-	-	-	-	-	570,000

Funding Sources Subtotals								
Stormwater Fund ¹	684,000	-	-	-	-	-	-	684,000
PROJECT TOTALS	684,000	-	-	-	-	-	-	684,000

1. Project component is dependent upon securing funding



 Maple Area Improvement Project (Various Streets)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

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

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.

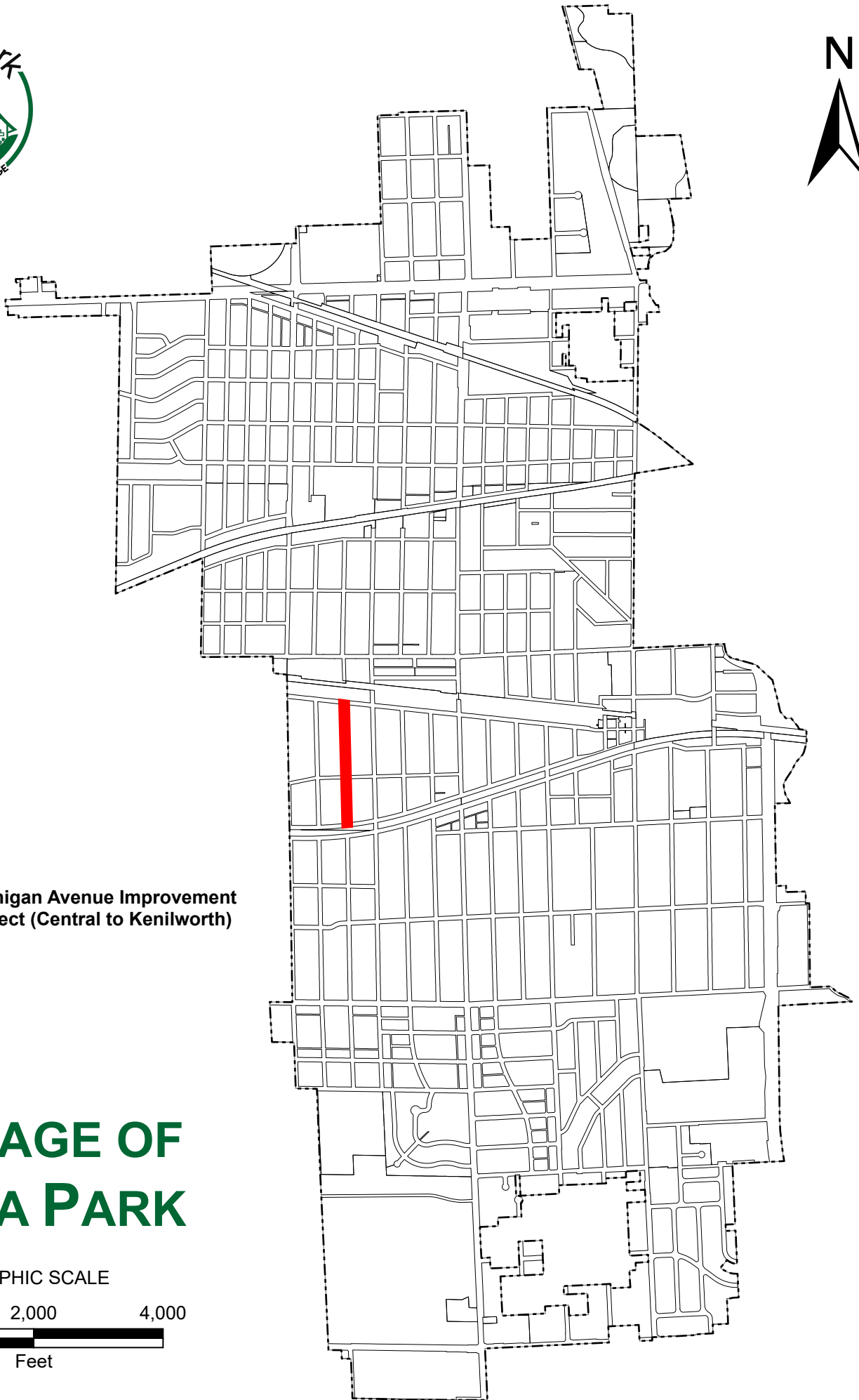
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Street Improvement Fund	33,295	16,648	16,647	-	-	-	-	-
GO Bonds	264,604	128,278	136,326	-	-	-	-	-
Stormwater Fund ¹	269,036	33,536	78,500	-	-	-	-	157,000
Water Supply Fund ³	34,732	17,366	17,366	-	-	-	-	-
Wastewater Fund ³	26,343	13,172	13,171	-	-	-	-	-
Sewer Separation ²	290,900	142,000	148,900	-	-	-	-	-
Engineering Subtotals	918,910	351,000	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	16,648	66,119	-	-	-	-	-
GO Bonds	1,627,862	128,278	1,499,584	-	-	-	-	-
Stormwater Fund ¹	1,139,036	33,536	78,500	-	-	-	-	1,027,000
Water Supply Fund ³	208,393	17,366	191,027	-	-	-	-	-
Wastewater Fund ³	158,048	13,172	144,876	-	-	-	-	-
Sewer Separation ²	1,771,900	142,000	1,629,900	-	-	-	-	-
PROJECT TOTALS	4,988,006	351,000	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



 Michigan Avenue Improvement Project (Central to Kenilworth)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund Sewer Separation IEPA Water Loan
Project Name: Michigan Avenue Improvement Project (Central to Kenilworth)	
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.	

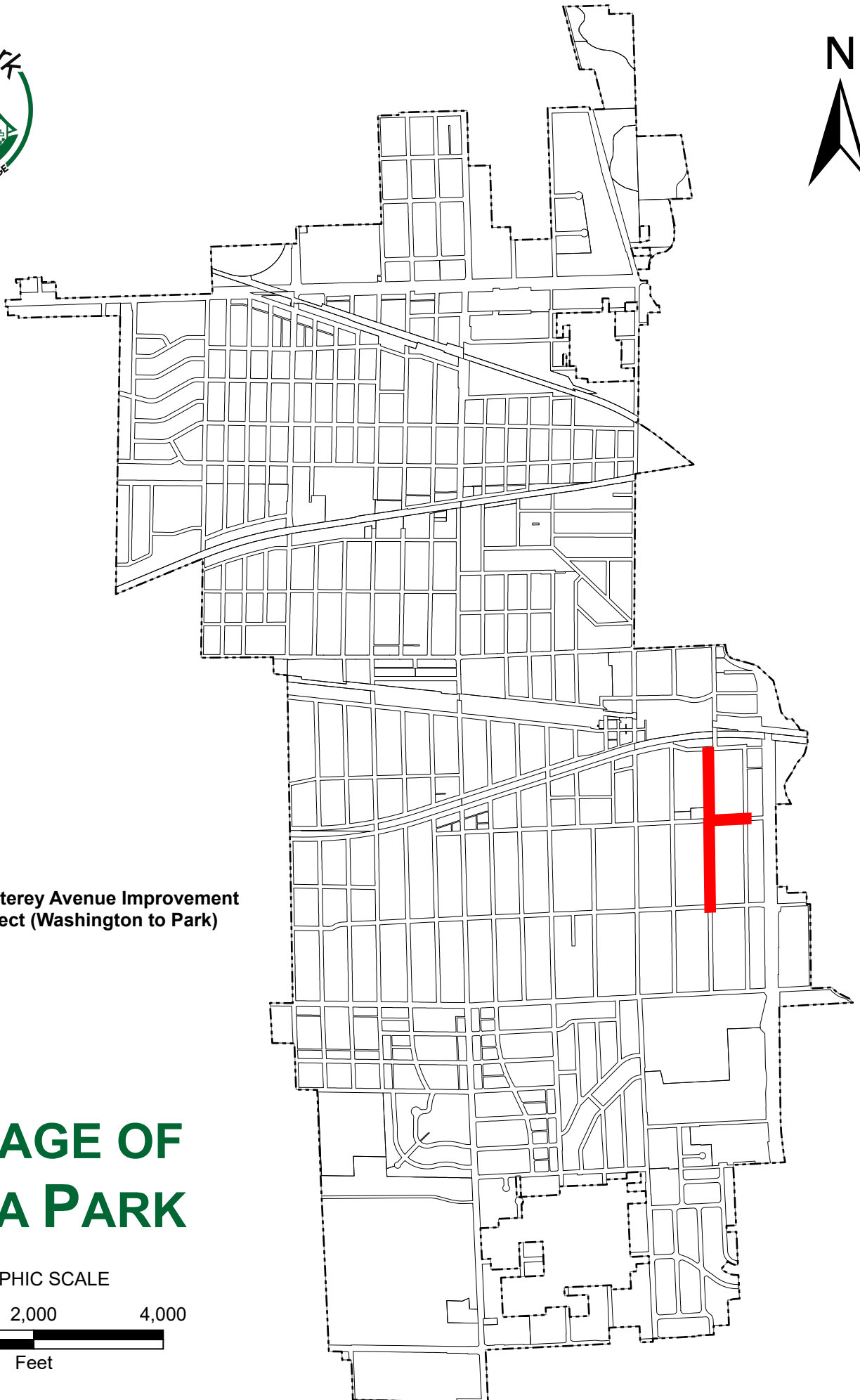
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services									
GO Bonds	83,919	38,919	45,000	-	-	-	-	-	-
Water Supply Fund ²	25,000	-	25,000	-	-	-	-	-	-
Wastewater Fund ²	4,000	-	4,000	-	-	-	-	-	-
Sewer Separation ¹	95,179	49,179	46,000	-	-	-	-	-	-
IEPA Water Loan	177,000	-	-	-	-	-	-	-	177,000
Engineering Subtotals	385,098	88,098	120,000	-	-	-	-	-	177,000

Construction / Building									
GO Bonds	450,000	-	450,000	-	-	-	-	-	-
Water Supply Fund ²	250,000	-	250,000	-	-	-	-	-	-
Wastewater Fund ²	40,000	-	40,000	-	-	-	-	-	-
Sewer Separation ¹	460,000	-	460,000	-	-	-	-	-	-
IEPA Water Loan	981,000	-	-	-	-	-	-	-	981,000
Construction Subtotals	2,181,000	-	1,200,000	-	-	-	-	-	981,000

Funding Sources Subtotals									
GO Bonds	533,919	38,919	495,000	-	-	-	-	-	-
Water Supply Fund ²	275,000	-	275,000	-	-	-	-	-	-
Wastewater Fund ²	44,000	-	44,000	-	-	-	-	-	-
Sewer Separation ¹	555,179	49,179	506,000	-	-	-	-	-	-
IEPA Water Loan	1,158,000	-	-	-	-	-	-	-	1,158,000
PROJECT TOTALS	2,566,098	88,098	1,320,000	-	-	-	-	-	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



 Monterey Avenue Improvement Project (Washington to Park)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

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

Project Name: Monterey Avenue Improvement Project (Washington to Park)

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 and combined sewer separation on South Monterey Avenue from Washington Street to Park Boulevard and on Highland Avenue from Monterey Avenue to Riverside Drive. Some selective water system and sanitary system improvements are included. Future sewer separation is 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 has deteriorated to the point that pavement rehabilitation is needed. The pavement 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 Analysis prepared by Christopher B. Burke Engineering, Ltd.

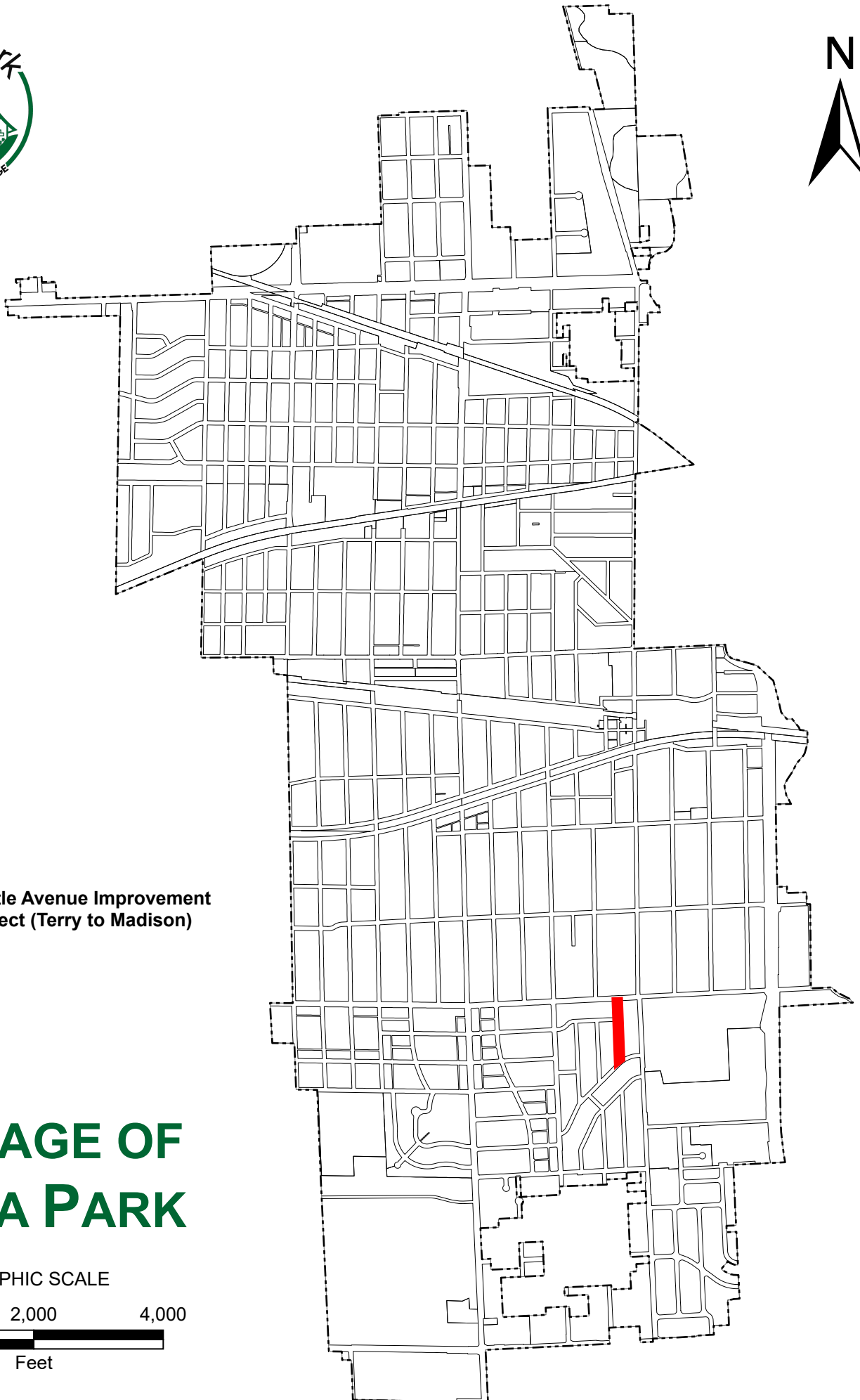
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Street Improvement Fund	19,000	-	19,000	-	-	-	-	-
GO Bonds	173,968	95,968	78,000	-	-	-	-	-
Stormwater Fund	9,800	4,800	5,000	-	-	-	-	-
Water Supply Fund ²	8,000	-	8,000	-	-	-	-	-
Wastewater Fund ²	3,900	-	3,900	-	-	-	-	-
Sewer Separation ¹	411,478	116,478	295,000	-	-	-	-	-
Engineering Subtotals	626,146	217,246	408,900	-	-	-	-	-

Construction / Building								
Street Improvement Fund	190,000	-	190,000	-	-	-	-	-
GO Bonds	780,000	-	780,000	-	-	-	-	-
Stormwater Fund	50,000	-	50,000	-	-	-	-	-
Water Supply Fund ²	80,000	-	80,000	-	-	-	-	-
Wastewater Fund ²	39,000	-	39,000	-	-	-	-	-
Sewer Separation ¹	2,950,000	-	2,950,000	-	-	-	-	-
Construction Subtotals	4,089,000	-	4,089,000	-	-	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	209,000	-	209,000	-	-	-	-	-
GO Bonds	953,968	95,968	858,000	-	-	-	-	-
Stormwater Fund	59,800	4,800	55,000	-	-	-	-	-
Water Supply Fund ²	88,000	-	88,000	-	-	-	-	-
Wastewater Fund ²	42,900	-	42,900	-	-	-	-	-
Sewer Separation ¹	3,361,478	116,478	3,245,000	-	-	-	-	-
PROJECT TOTALS	4,715,146	217,246	4,497,900	-	-	-	-	-

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



 Myrtle Avenue Improvement Project (Terry to Madison)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

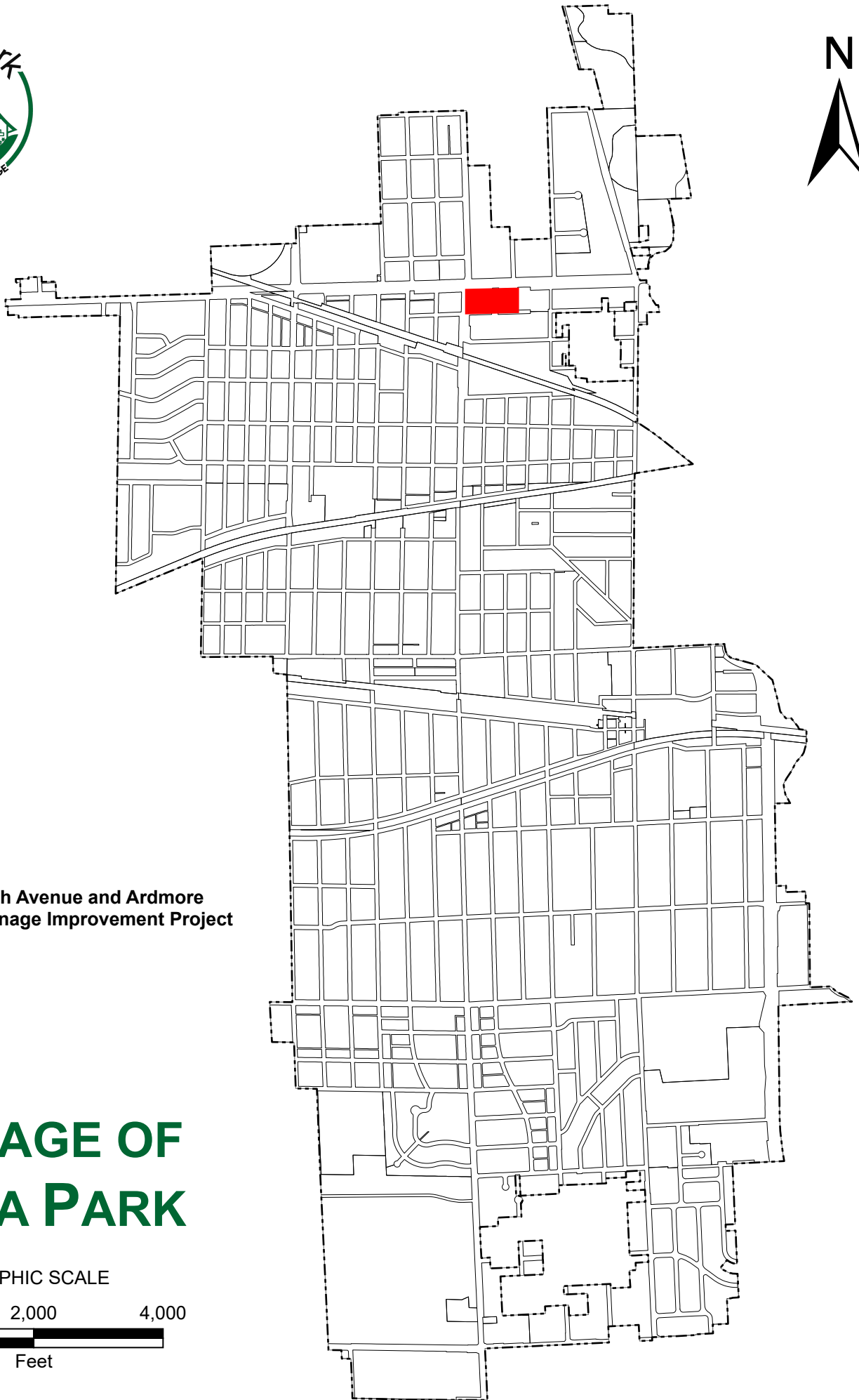
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds IEPA Water Loan
Project Name: Myrtle Avenue Improvement Project (Terry to Madison)	
Objective:	To improve the condition of the roadway by removing the existing deteriorated pavement and replacing it with new, structurally sound pavement. To improve water system capacity and reliability by replacing the existing water main.
Description:	This project consists of improvements on South Myrtle Avenue from Terry Lane to Madison Street. The project includes the replacement of the existing 6" water main. The water main improvements are expected to be funded through an IEPA Water Loan. The IEPA Water Loan costs were previously included in the project "IEPA Water Loan Group #3" but are now included as a part of this project.
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. The pavement improvements are 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	30,000	-	15,000	15,000	-	-	-	-
IEPA Water Loan	108,000	-	54,000	54,000	-	-	-	-
Engineering Subtotals	138,000	-	69,000	69,000	-	-	-	-

Construction / Building								
GO Bonds	150,000	-	-	150,000	-	-	-	-
IEPA Water Loan	540,000	-	-	540,000	-	-	-	-
Construction Subtotals	690,000	-	-	690,000	-	-	-	-

Funding Sources Subtotals								
GO Bonds	180,000	-	15,000	165,000	-	-	-	-
IEPA Water Loan	648,000	-	54,000	594,000	-	-	-	-
PROJECT TOTALS	828,000	-	69,000	759,000	-	-	-	-



 North Avenue and Ardmore
Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

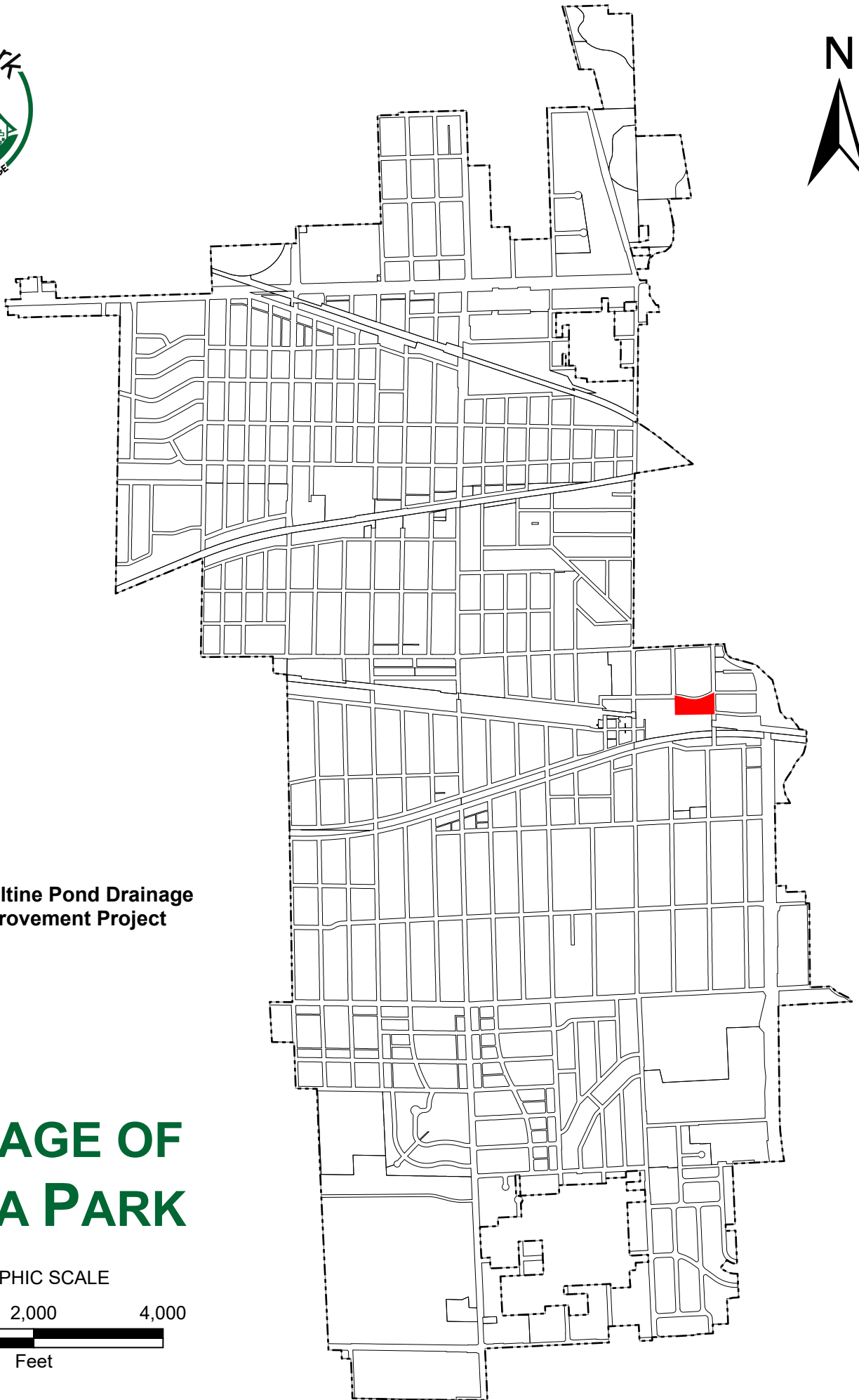
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): North Avenue TIF
Project Name: North Avenue and Ardmore Drainage Improvement Project	
Objective: To lessen the frequency and severity of flooding by implementing stormwater improvements.	
Description: This project 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
North Avenue TIF	404,441	264,441	-	-	140,000	-	-	-
Engineering Subtotals	404,441	264,441	-	-	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	1,804,441	264,441	-	-	1,540,000	-	-	-
PROJECT TOTALS	1,804,441	264,441	-	-	1,540,000	-	-	-



 **Ovaltine Pond Drainage Improvement Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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).	

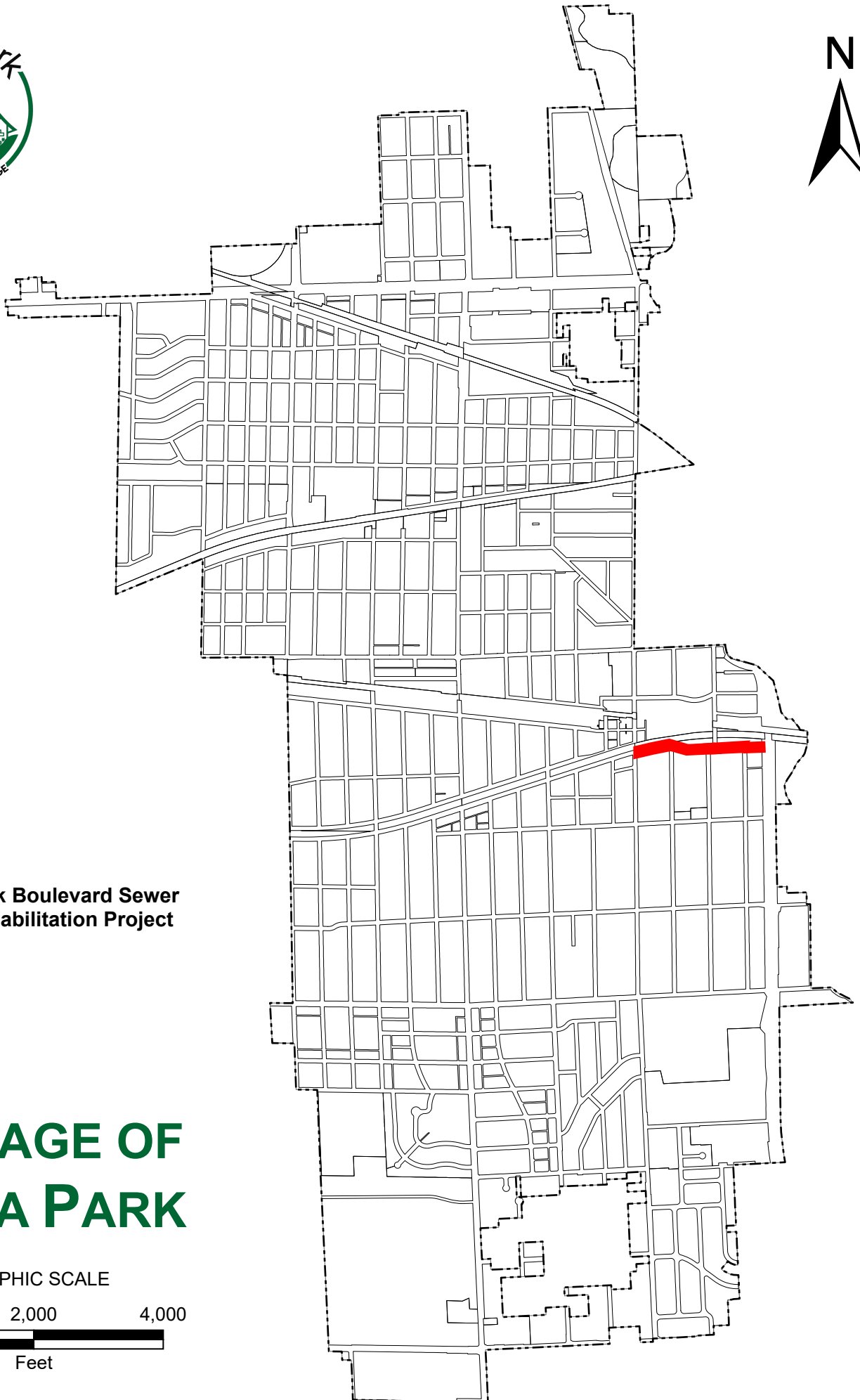
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund ¹	58,000	-	-	-	-	-	-	58,000
Engineering Subtotals	58,000	-	-	-	-	-	-	58,000

Construction / Building								
Stormwater Fund ¹	290,000	-	-	-	-	-	-	290,000
Construction Subtotals	290,000	-	-	-	-	-	-	290,000

Funding Sources Subtotals								
Stormwater Fund ¹	348,000	-	-	-	-	-	-	348,000
PROJECT TOTALS	348,000	-	-	-	-	-	-	348,000

1. Project component is dependent upon securing funding



 **Park Boulevard Sewer Rehabilitation Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): IEPA Wastewater Loan
Project Name: Park Boulevard Sewer Rehabilitation 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).	

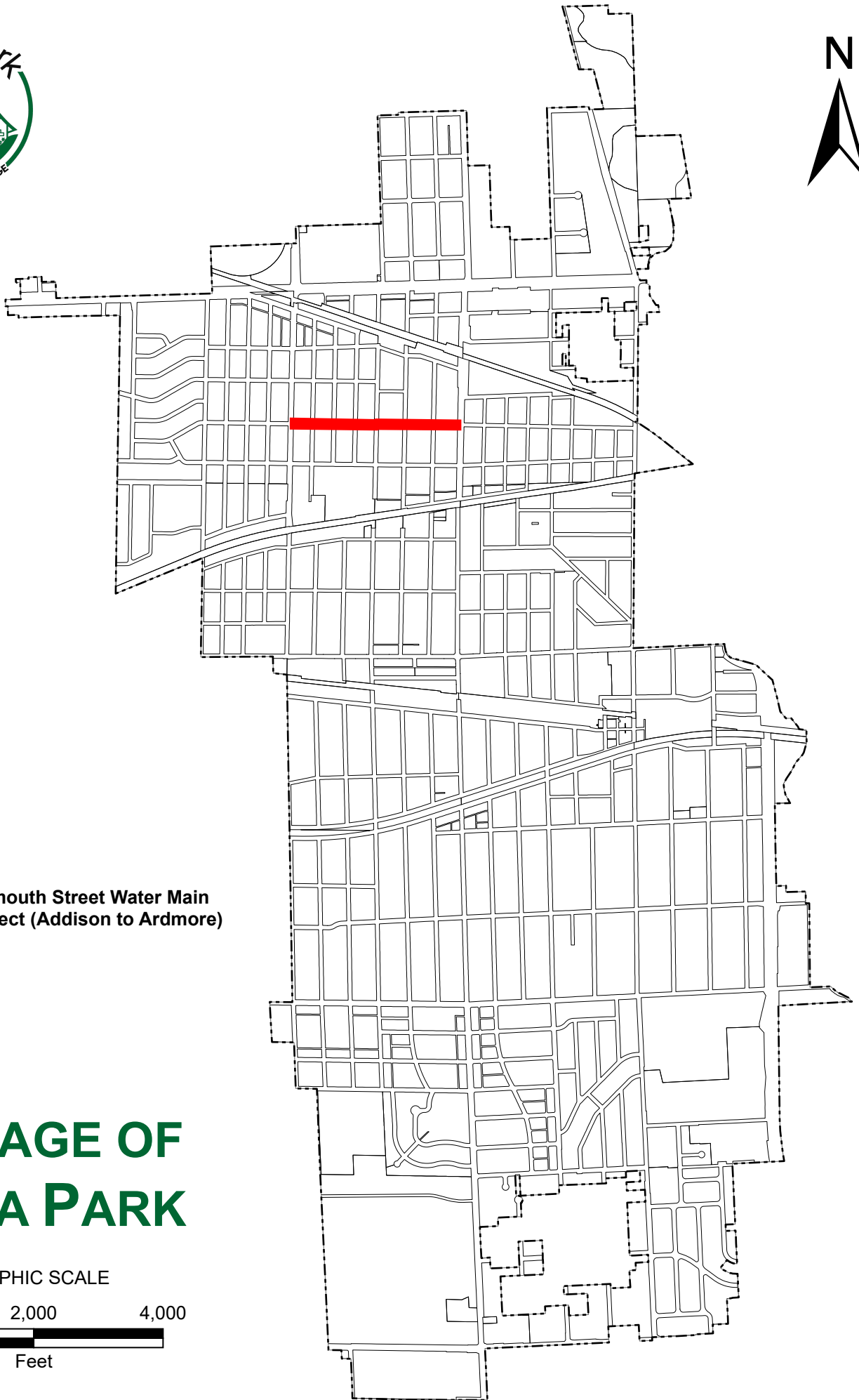
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	


Engineering / Professional Services								
IEPA Wastewater Loan ¹	276,000	-	-	138,000	-	138,000	-	-
Engineering Subtotals	276,000	-	-	138,000	-	138,000	-	-

Construction / Building								
IEPA Wastewater Loan ¹	2,760,000	-	-	-	-	2,760,000	-	-
Construction Subtotals	2,760,000	-	-	-	-	2,760,000	-	-

Funding Sources Subtotals								
IEPA Wastewater Loan ¹	3,036,000	-	-	138,000	-	2,898,000	-	-
PROJECT TOTALS	3,036,000	-	-	138,000	-	2,898,000	-	-

1. Project component is dependent upon securing funding



 **Plymouth Street Water Main Project (Addison to Ardmore)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

Fund(s) / Department(s):
IEPA Water Loan

NEW

Project Name: Plymouth Street Water Main Project (Addison to Ardmore)

Objective: To improve water system capacity and reliability by replacing the existing water main.

Description: This project consists of the replacement of the existing 10" water transmission main on West Plymouth Street from Addison Road to Ardmore Avenue.

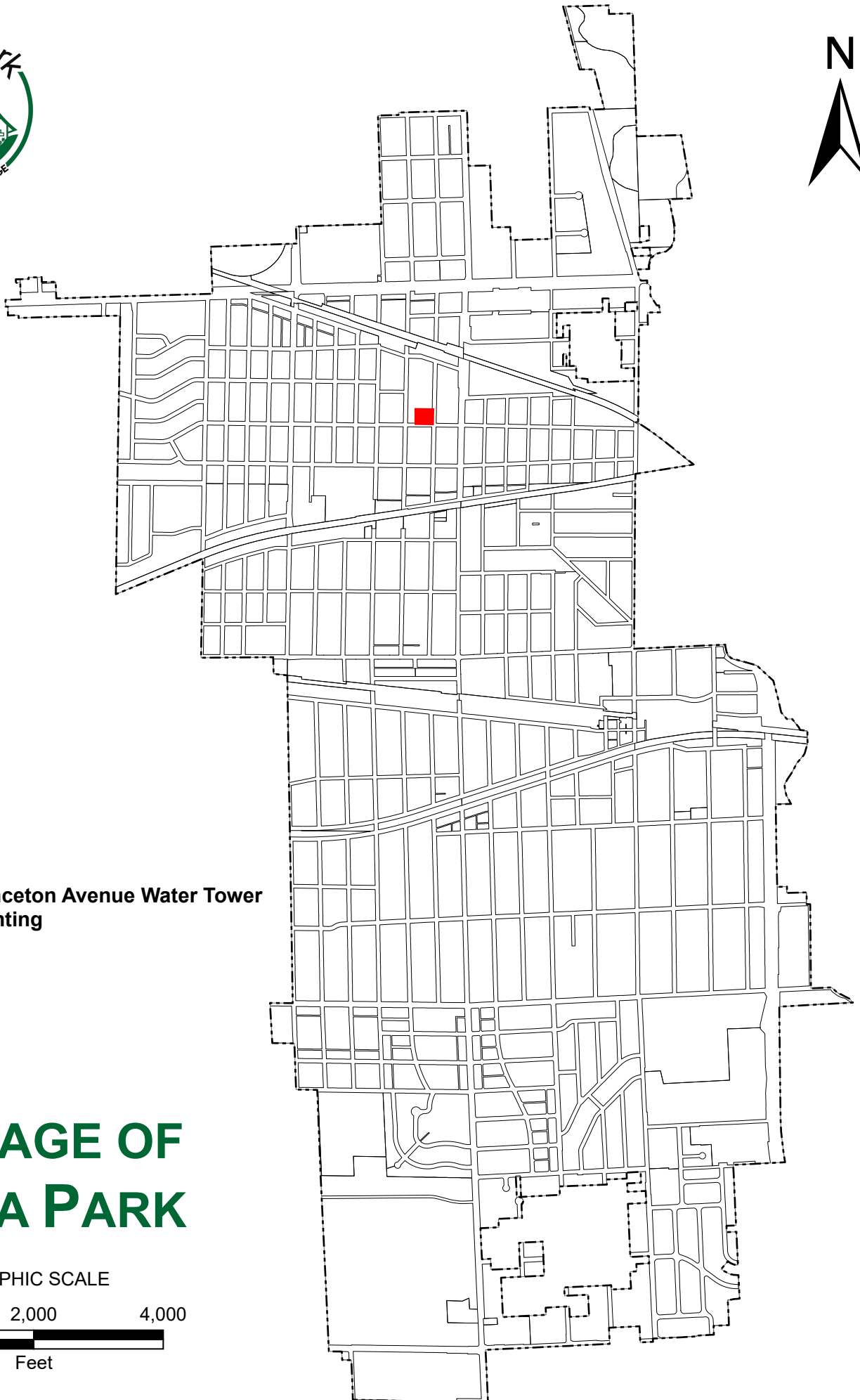
Justification: The existing 10" water main on West Plymouth Street from Addison Road to Ardmore Avenue functions as a water transmission main within the village's water distribution system. The water main has a high incidence of water main breaks. The Illinois EPA Public Water Supply Loan Program (PWSLP) is expected to provide loan funding for the improvements.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
IEPA Water Loan	392,000	-	-	-	196,000	196,000	-	-
Engineering Subtotals	392,000	-	-	-	196,000	196,000	-	-

Construction / Building								
IEPA Water Loan	1,960,000	-	-	-	-	1,960,000	-	-
Construction Subtotals	1,960,000	-	-	-	-	1,960,000	-	-

Funding Sources Subtotals								
IEPA Water Loan	2,352,000	-	-	-	196,000	2,156,000	-	-
PROJECT TOTALS	2,352,000	-	-	-	196,000	2,156,000	-	-



 Princeton Avenue Water Tower Painting

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

**VILLAGE OF VILLA PARK
CAPITAL IMPROVEMENT PLAN
2020 THROUGH 2024**

Fund(s) / Department(s):
Water Supply Fund

NEW

Project Name: Princeton Avenue Water Tower Painting

Objective: To protect and preserve a critical component of the Village's water supply infrastructure.

Description: This project consists of the sandblasting and repainting of the Village water tower on North Princeton Avenue next to Fire Station #82. The tower, with its capacity of two million (2,000,000) gallons, is a critical component of the Village's water supply infrastructure. The water tower on Princeton Avenue is one of two owned by the Village. The other, located on West Home Avenue, is proposed for painting in 2020.

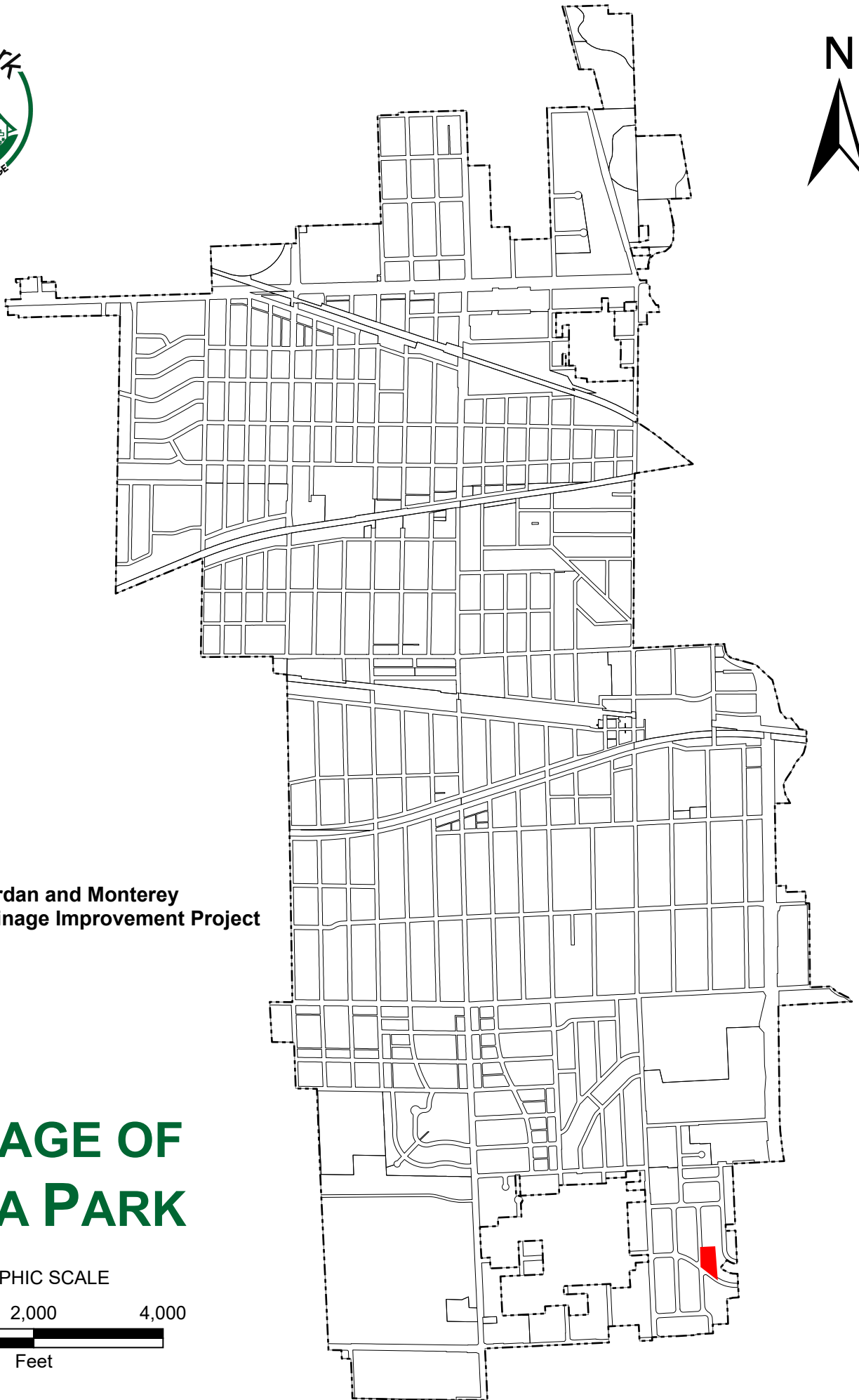
Justification: The Village's water tanks provide not only for the storage of drinking water, but also help to maintain pressure in the water supply system and to reduce operating costs. Periodic painting of water tanks is vital to provide adequate corrosion protection, maintain structural integrity, and ensure long life for the Village's water towers.

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

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

Construction / Building								
Water Supply Fund	640,000	-	-	640,000	-	-	-	-
Construction Subtotals	640,000	-	-	640,000	-	-	-	-

Funding Sources Subtotals								
Water Supply Fund	640,000	-	-	640,000	-	-	-	-
PROJECT TOTALS	640,000	-	-	640,000	-	-	-	-



 **Riordan and Monterey
Drainage Improvement Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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: 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund ¹	74,000	-	-	-	-	-	-	74,000
Engineering Subtotals	74,000	-	-	-	-	-	-	74,000

Construction / Building								
Stormwater Fund ¹	370,000	-	-	-	-	-	-	370,000
Construction Subtotals	370,000	-	-	-	-	-	-	370,000

Funding Sources Subtotals								
Stormwater Fund ¹	444,000	-	-	-	-	-	-	444,000
PROJECT TOTALS	444,000	-	-	-	-	-	-	444,000

1. Project component is dependent upon securing funding

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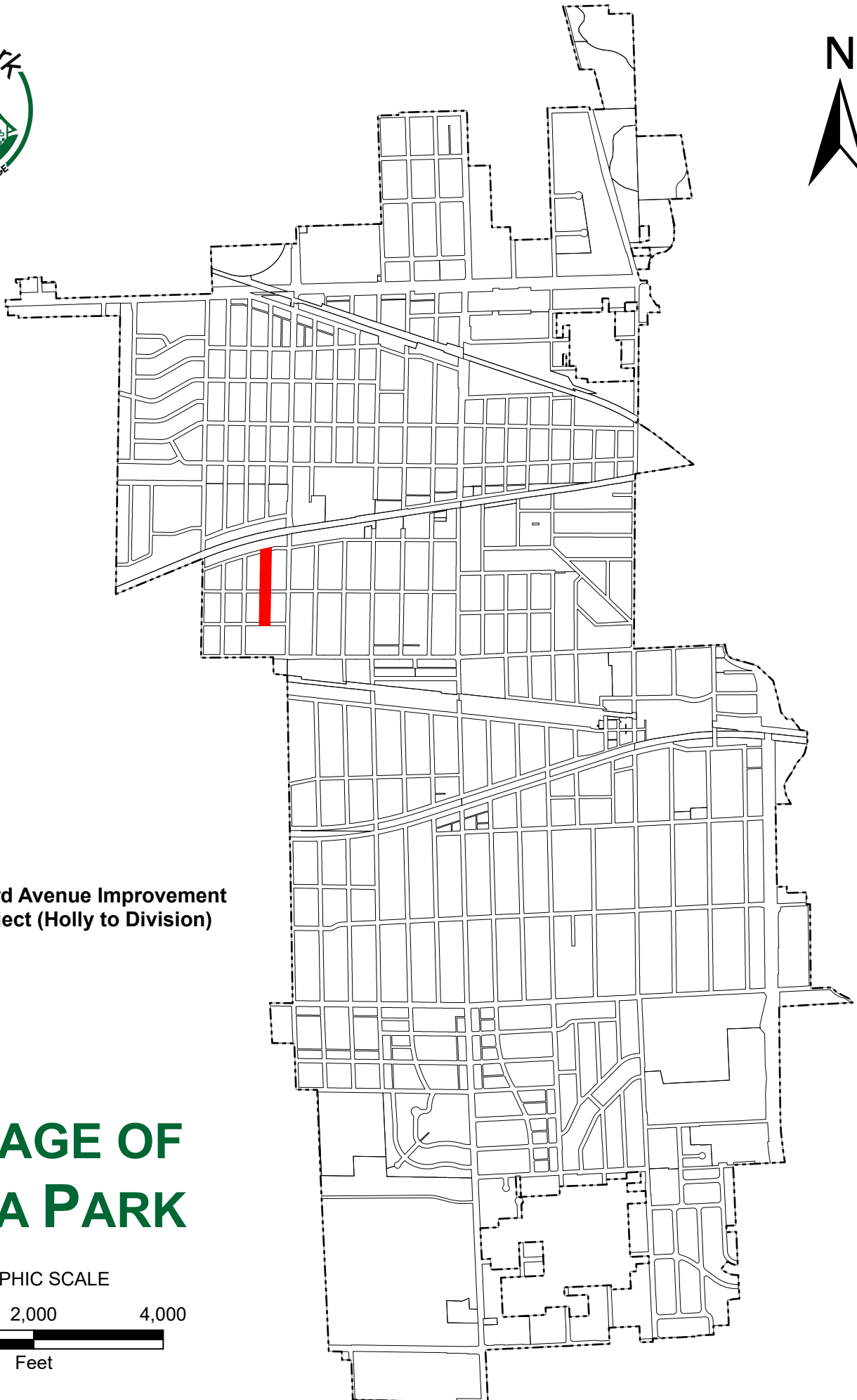
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Capital Projects Fund Private Funds
Project Name: Sidewalk Improvement Program	
Objective: To increase the safety and serviceability of public sidewalks by replacing portions of deteriorated public sidewalks throughout 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
			2020	2021	2022	2023	2024	

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

Construction / Building								
Capital Projects Fund	270,000	50,000	80,000	35,000	35,000	35,000	35,000	-
Private Funds	130,000	25,000	45,000	15,000	15,000	15,000	15,000	-
Construction Subtotals	400,000	75,000	125,000	50,000	50,000	50,000	50,000	-

Funding Sources Subtotals								
Capital Projects Fund	270,000	50,000	80,000	35,000	35,000	35,000	35,000	-
Private Funds	130,000	25,000	45,000	15,000	15,000	15,000	15,000	-
PROJECT TOTALS	400,000	75,000	125,000	50,000	50,000	50,000	50,000	-



 **Third Avenue Improvement Project (Holly to Division)**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Street Improvement Fund Water Supply Fund Sewer Separation
Project Name: Third Avenue Improvement 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).	

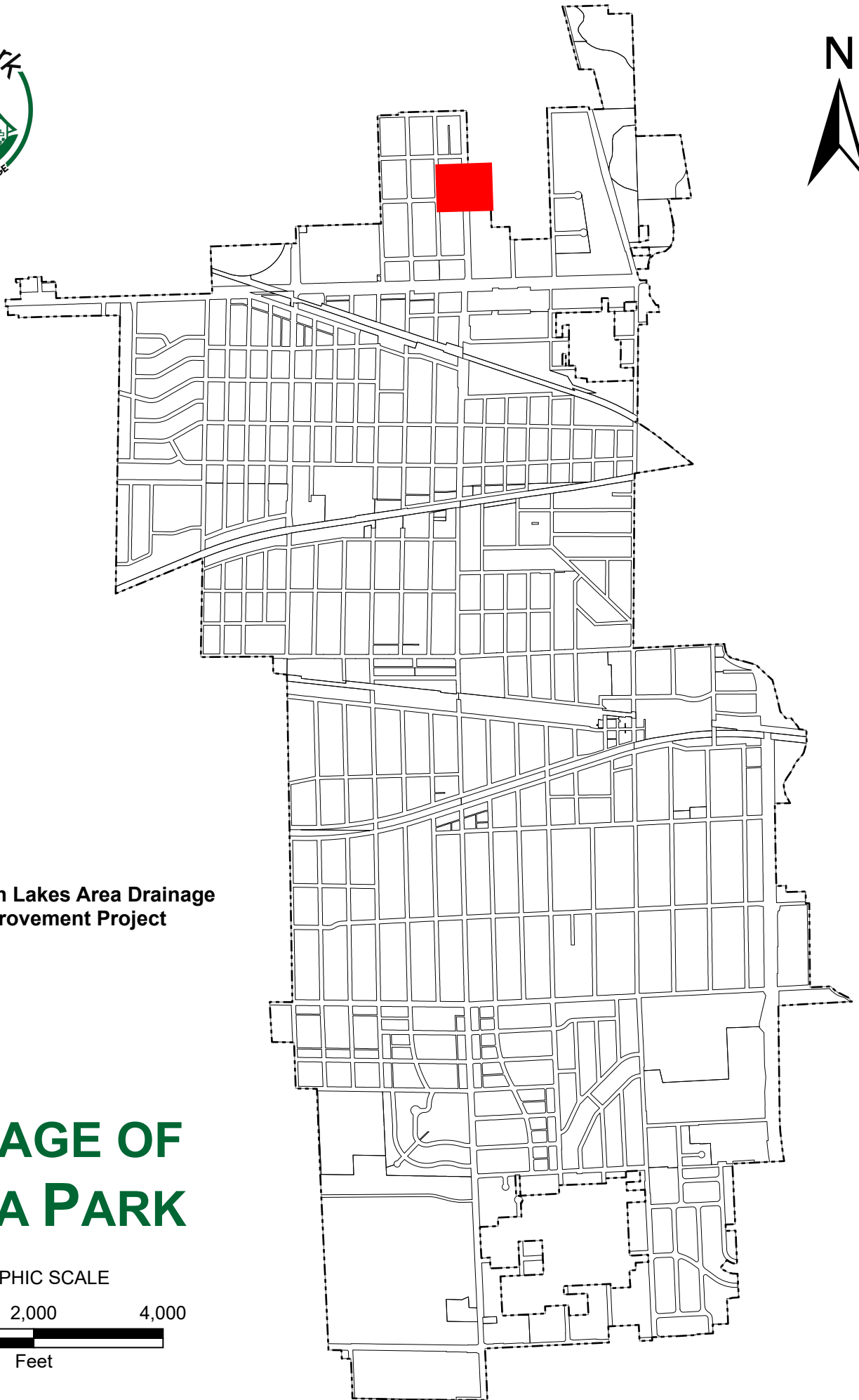
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Street Improvement Fund	40,000	-	20,000	20,000	-	-	-	-
Water Supply Fund	10,000	-	5,000	5,000	-	-	-	-
Sewer Separation ¹	110,000	-	55,000	55,000	-	-	-	-
Engineering Subtotals	160,000	-	80,000	80,000	-	-	-	-

Construction / Building								
Street Improvement Fund	200,000	-	-	200,000	-	-	-	-
Water Supply Fund	50,000	-	-	50,000	-	-	-	-
Sewer Separation ¹	550,000	-	-	550,000	-	-	-	-
Construction Subtotals	800,000	-	-	800,000	-	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	240,000	-	20,000	220,000	-	-	-	-
Water Supply Fund	60,000	-	5,000	55,000	-	-	-	-
Sewer Separation ¹	660,000	-	55,000	605,000	-	-	-	-
PROJECT TOTALS	960,000	-	80,000	880,000	-	-	-	-

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

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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).	

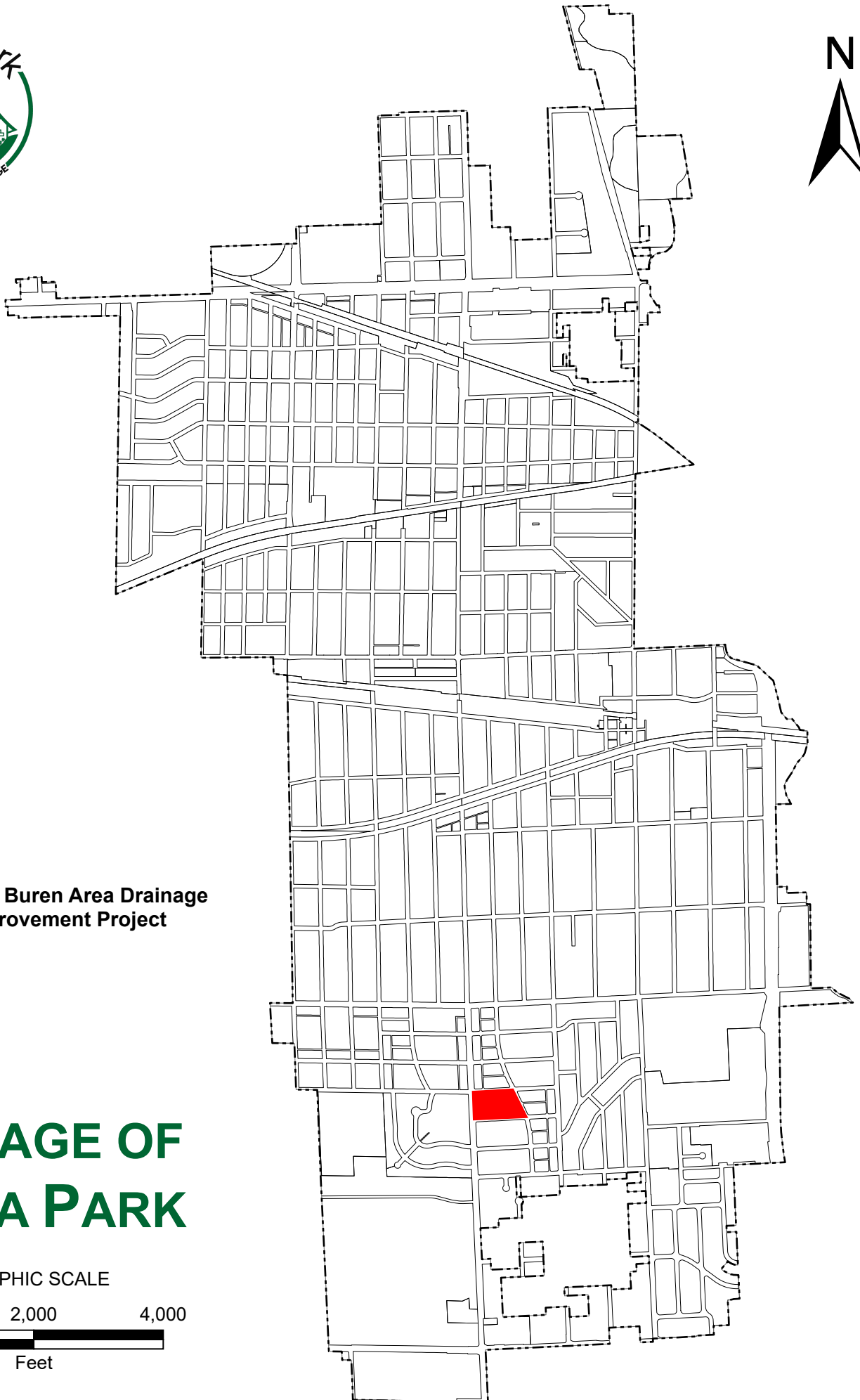
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund ¹	554,000	-	-	-	-	-	-	554,000
Engineering Subtotals	554,000	-	-	-	-	-	-	554,000

Construction / Building								
Stormwater Fund ¹	2,770,000	-	-	-	-	-	-	2,770,000
Construction Subtotals	2,770,000	-	-	-	-	-	-	2,770,000

Funding Sources Subtotals								
Stormwater Fund ¹	3,324,000	-	-	-	-	-	-	3,324,000
PROJECT TOTALS	3,324,000	-	-	-	-	-	-	3,324,000

1. Project component is dependent upon securing funding



 **Van Buren Area Drainage Improvement Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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.	

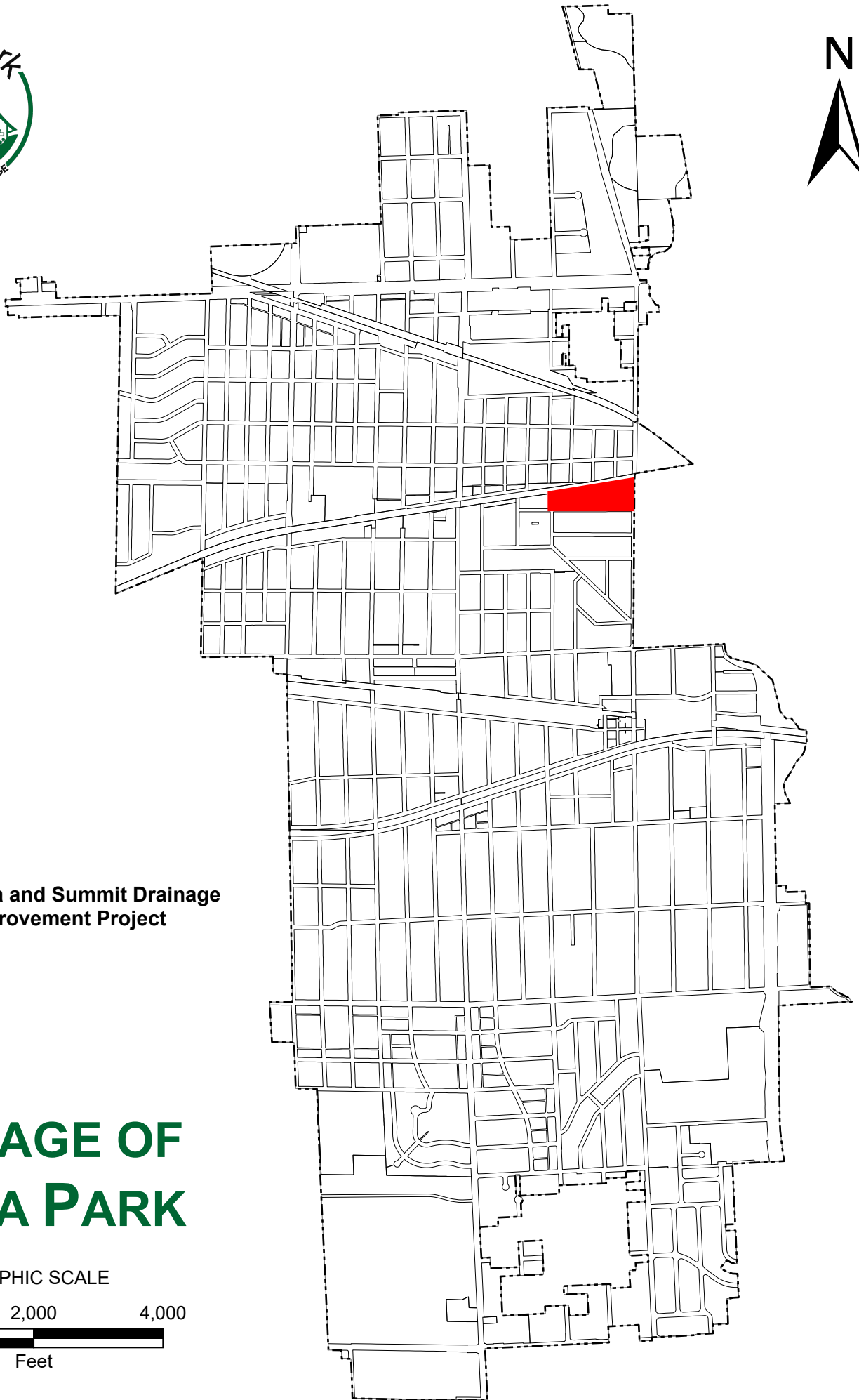
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund ¹	310,000	-	-	-	-	-	-	310,000
Engineering Subtotals	310,000	-	-	-	-	-	-	310,000

Construction / Building								
Stormwater Fund ¹	1,550,000	-	-	-	-	-	-	1,550,000
Construction Subtotals	1,550,000	-	-	-	-	-	-	1,550,000

Funding Sources Subtotals								
Stormwater Fund ¹	1,860,000	-	-	-	-	-	-	1,860,000
PROJECT TOTALS	1,860,000	-	-	-	-	-	-	1,860,000

1. Project component is dependent upon securing funding



 Villa and Summit Drainage Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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).	

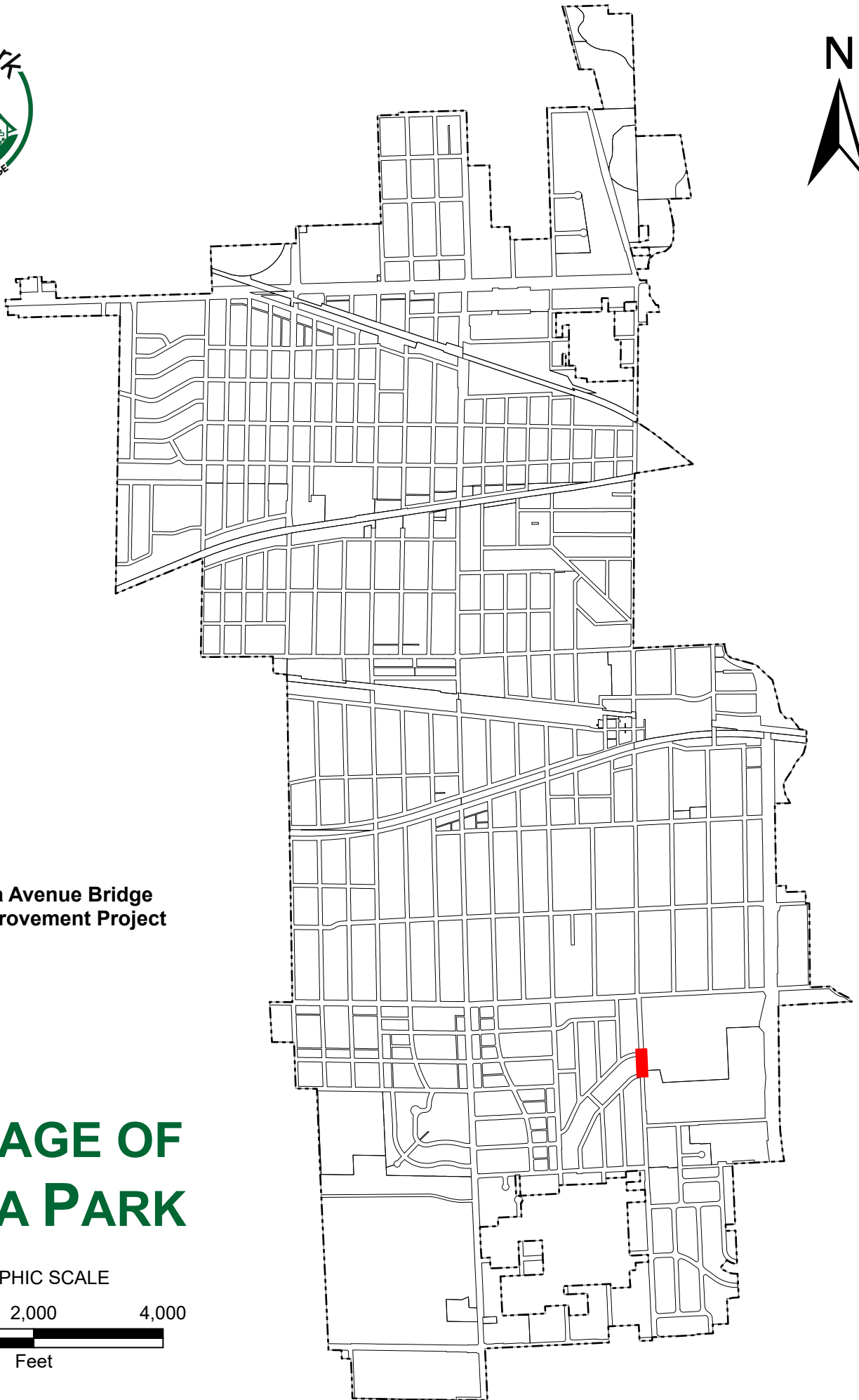
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Stormwater Fund ¹	174,000	-	-	-	-	-	-	174,000
Engineering Subtotals	174,000	-	-	-	-	-	-	174,000

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

Funding Sources Subtotals								
Stormwater Fund ¹	1,044,000	-	-	-	-	-	-	1,044,000
PROJECT TOTALS	1,044,000	-	-	-	-	-	-	1,044,000

1. Project component is dependent upon securing funding



 Villa Avenue Bridge Improvement Project

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

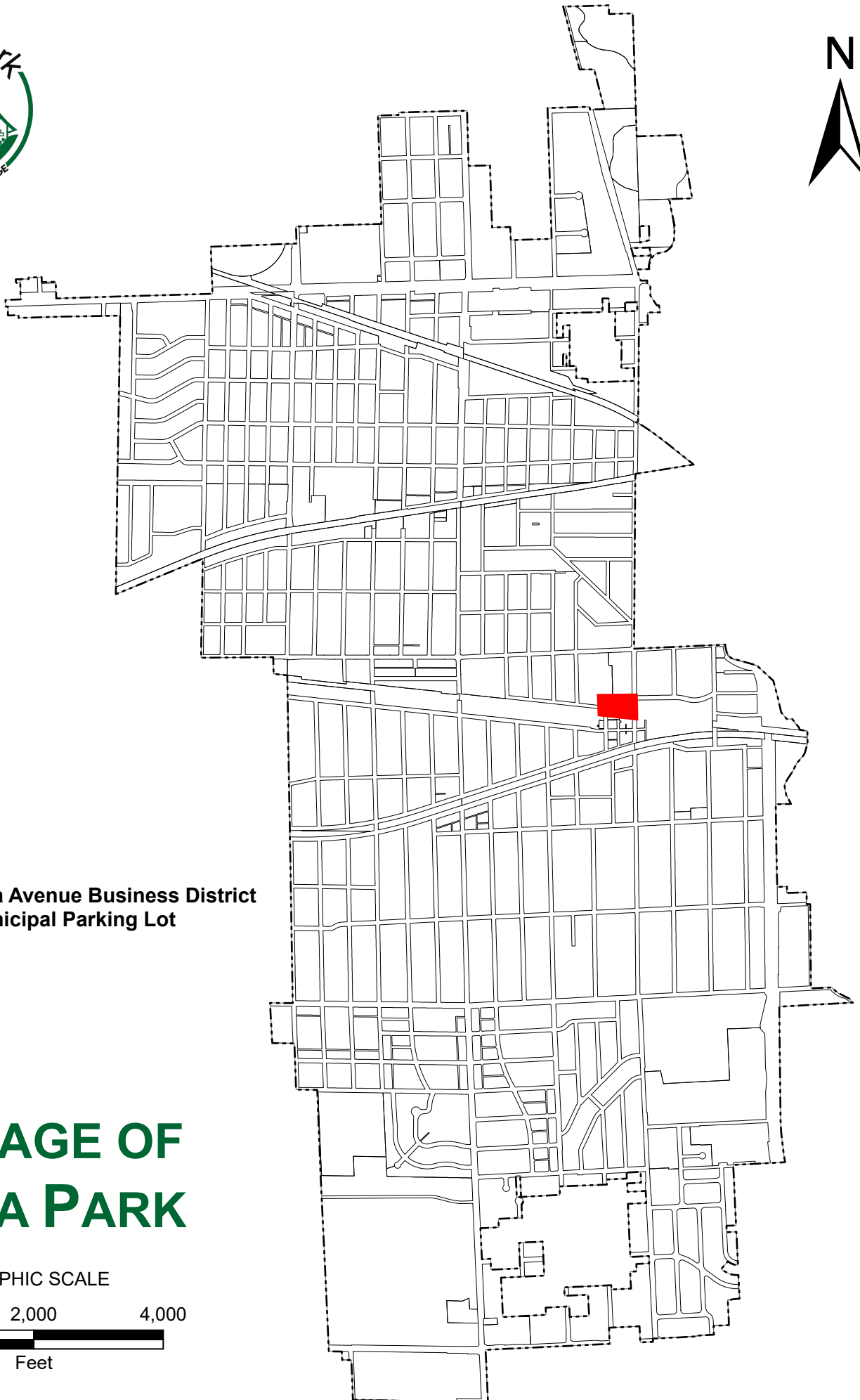
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Street Improvement Fund STP-BR Grant
Project Name: Villa Avenue Bridge Improvement Project	
Objective: To repair or replace deteriorated components of the South Villa Avenue bridge over Sugar Creek and prevent further 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
			2020	2021	2022	2023	2024	

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	-	-	-	-



 Villa Avenue Business District
Municipal Parking Lot

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

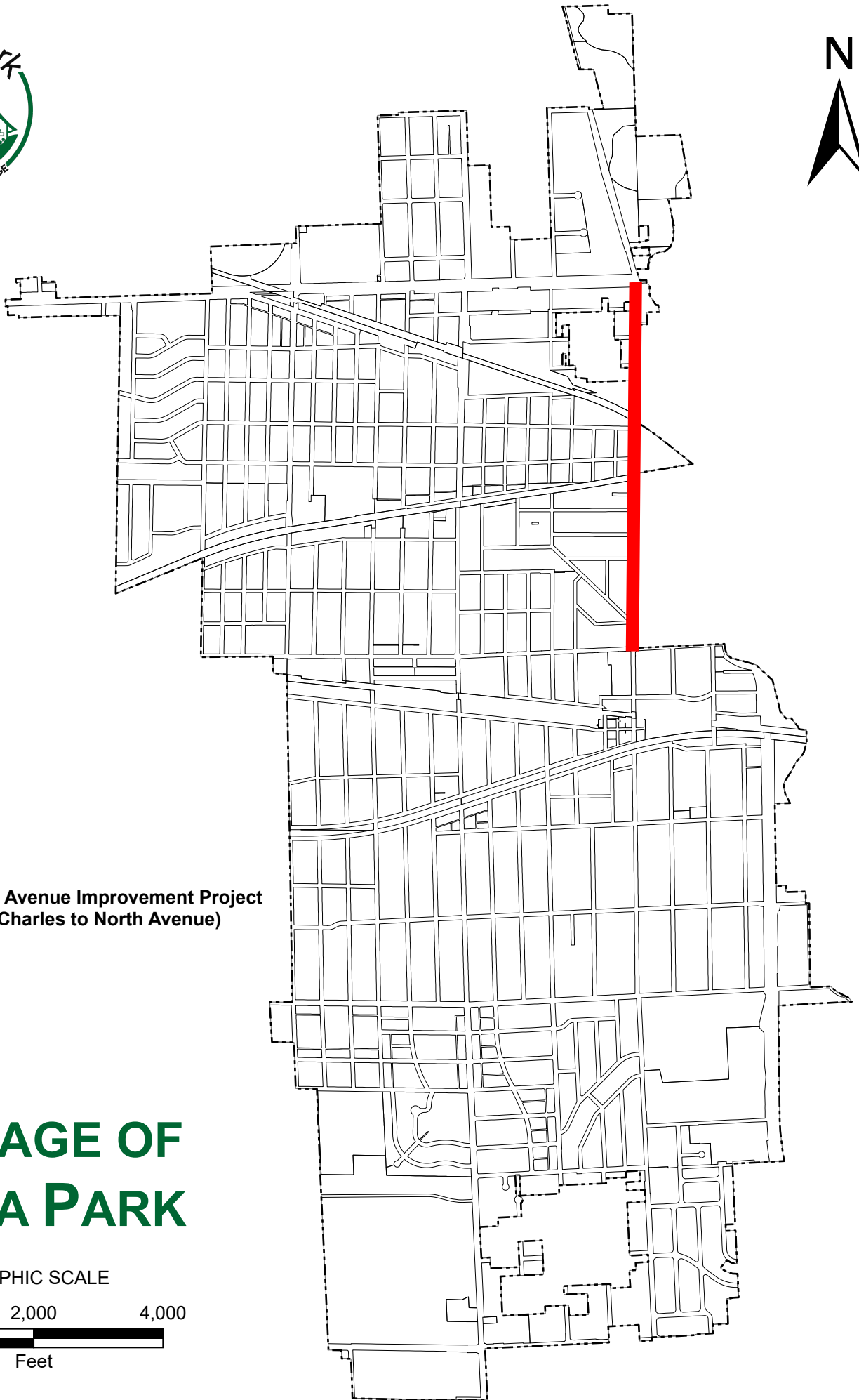
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): St. Charles TIF	NEW
Project Name: Villa Avenue Business District Municipal Parking Lot		
Objective: To provide adequate municipal parking for visitors to the South Villa Business District and to facilitate business development.		
Description: This project consists of the construction of a municipal parking lot in the South Villa Business District.		
Justification: In response to a need for additional public parking in the South Villa Avenue Business District, the village has undertaken efforts to acquire the current AK Mulch property at 110 South Villa Avenue. This proposed parking lot would provide approximately 180 additional parking spaces for the area.		

Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
St. Charles TIF	150,000	-	150,000	-	-	-	-	-
Engineering Subtotals	150,000	-	150,000	-	-	-	-	-

Construction / Building								
St. Charles TIF	750,000	-	750,000	-	-	-	-	-
Construction Subtotals	750,000	-	750,000	-	-	-	-	-

Funding Sources Subtotals								
St. Charles TIF	900,000	-	900,000	-	-	-	-	-
PROJECT TOTALS	900,000	-	900,000	-	-	-	-	-



 Villa Avenue Improvement Project
(St. Charles to North Avenue)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Street Improvement Fund STP Grant	NEW
Project Name: Villa Avenue Improvement Project (St. Charles to North Avenue)		
Objective: To improve the condition of the roadway by means of selected pavement rehabilitation methods.		
Description: This project consists of the rehabilitation of North Villa Avenue from St. Charles Road to North Avenue by means of selected pavement rehabilitation methods. The village expects to apply for STP grant funding for this project.		
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.		

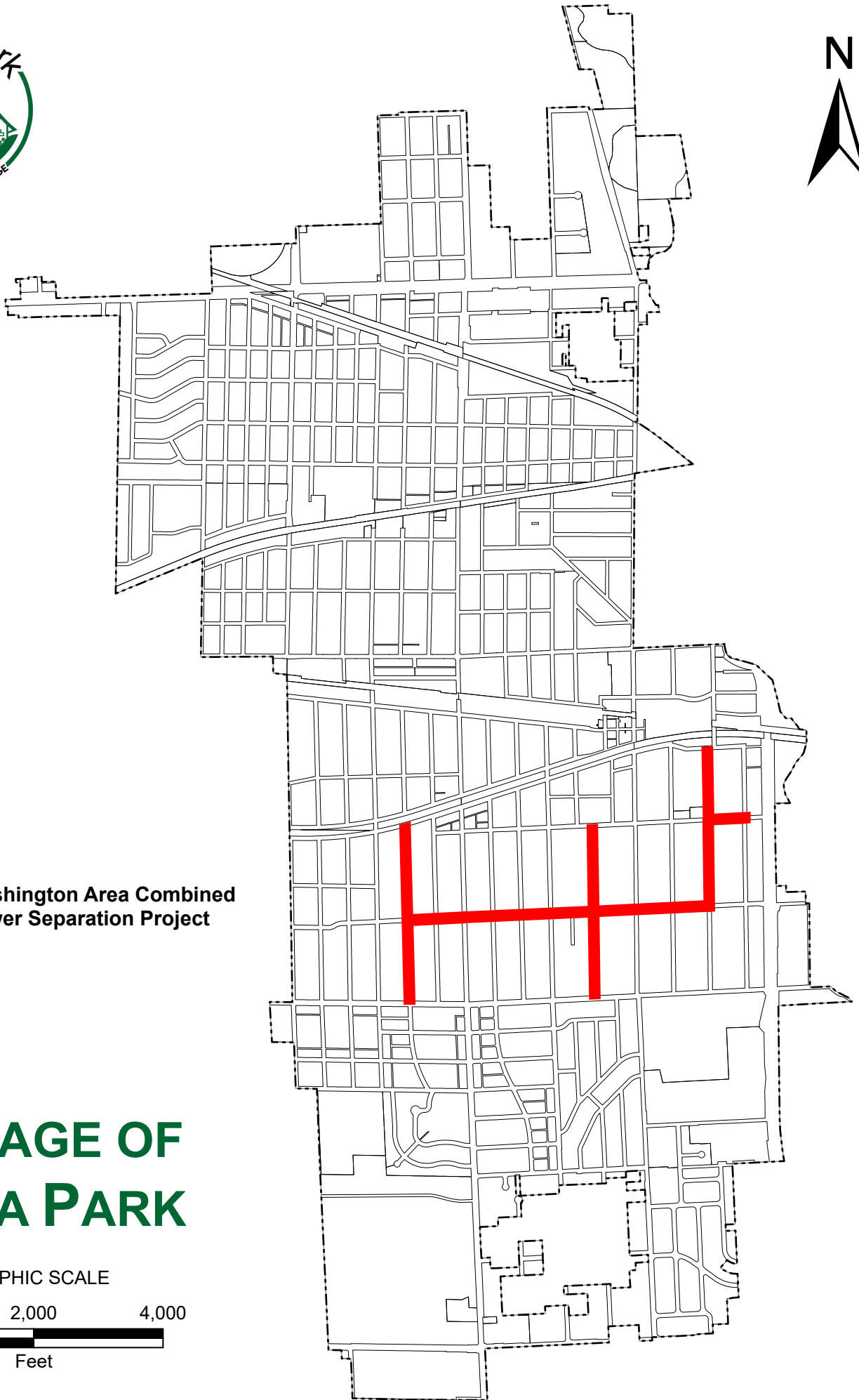
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Street Improvement Fund	242,000	-	-	-	121,000	121,000	-	-
STP Grant	-	-	-	-	-	-	-	-
Engineering Subtotals	242,000	-	-	-	121,000	121,000	-	-

Construction / Building								
Street Improvement Fund	310,000	-	-	-	-	310,000	-	-
STP Grant ¹	910,000	-	-	-	-	910,000	-	-
Construction Subtotals	1,220,000	-	-	-	-	1,220,000	-	-

Funding Sources Subtotals								
Street Improvement Fund	552,000	-	-	-	121,000	431,000	-	-
STP Grant ¹	910,000	-	-	-	-	910,000	-	-
PROJECT TOTALS	1,462,000	-	-	-	121,000	1,341,000	-	-

1. Project component is dependent upon securing funding



 **Washington Area Combined Sewer Separation Project**

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Sewer Separation ¹	1,108,000	-	302,000	554,000	252,000	-	-	-
Engineering Subtotals	1,108,000	-	302,000	554,000	252,000	-	-	-

Construction / Building								
Sewer Separation ¹	5,540,000	-	-	3,020,000	2,520,000	-	-	-
Construction Subtotals	5,540,000	-	-	3,020,000	2,520,000	-	-	-

Funding Sources Subtotals								
Sewer Separation ¹	6,648,000	-	302,000	3,574,000	2,772,000	-	-	-
PROJECT TOTALS	6,648,000	-	302,000	3,574,000	2,772,000	-	-	-

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 2020 THROUGH 2024	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).	

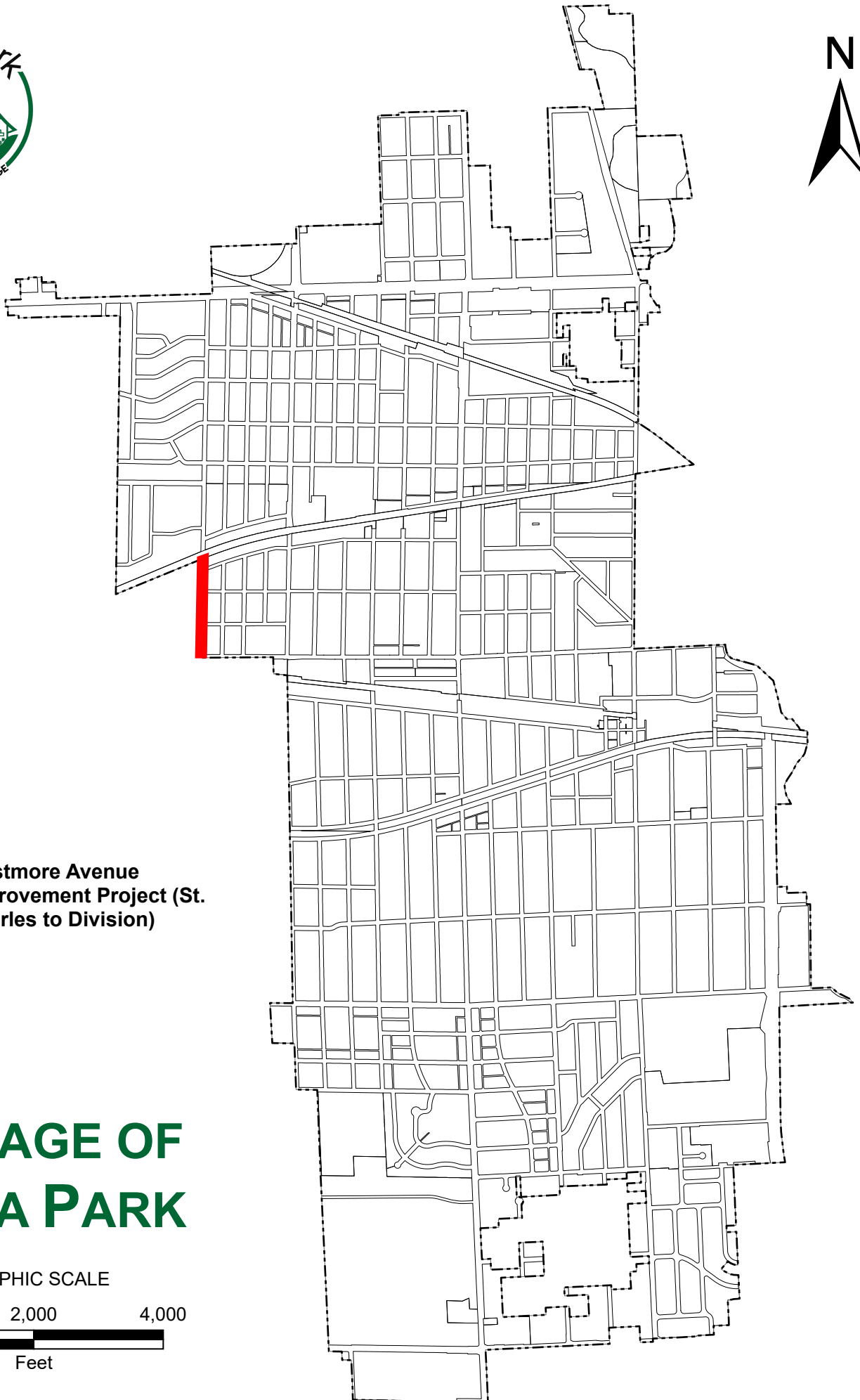
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

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

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

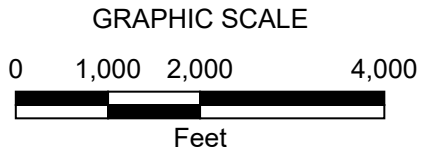
Equipment / Furnishings								
Water Supply Fund	665,471	665,471	-	-	-	-	-	-
IEPA Water Loan	1,420,000	-	-	710,000	710,000	-	-	-
Equipment Subtotals	2,085,471	665,471	-	710,000	710,000	-	-	-

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 (St.
Charles to Division)**

VILLAGE OF VILLA PARK



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund Sewer Separation IEPA Water Loan
Project Name: Westmore Avenue Improvement Project (St. Charles to Division)	
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.

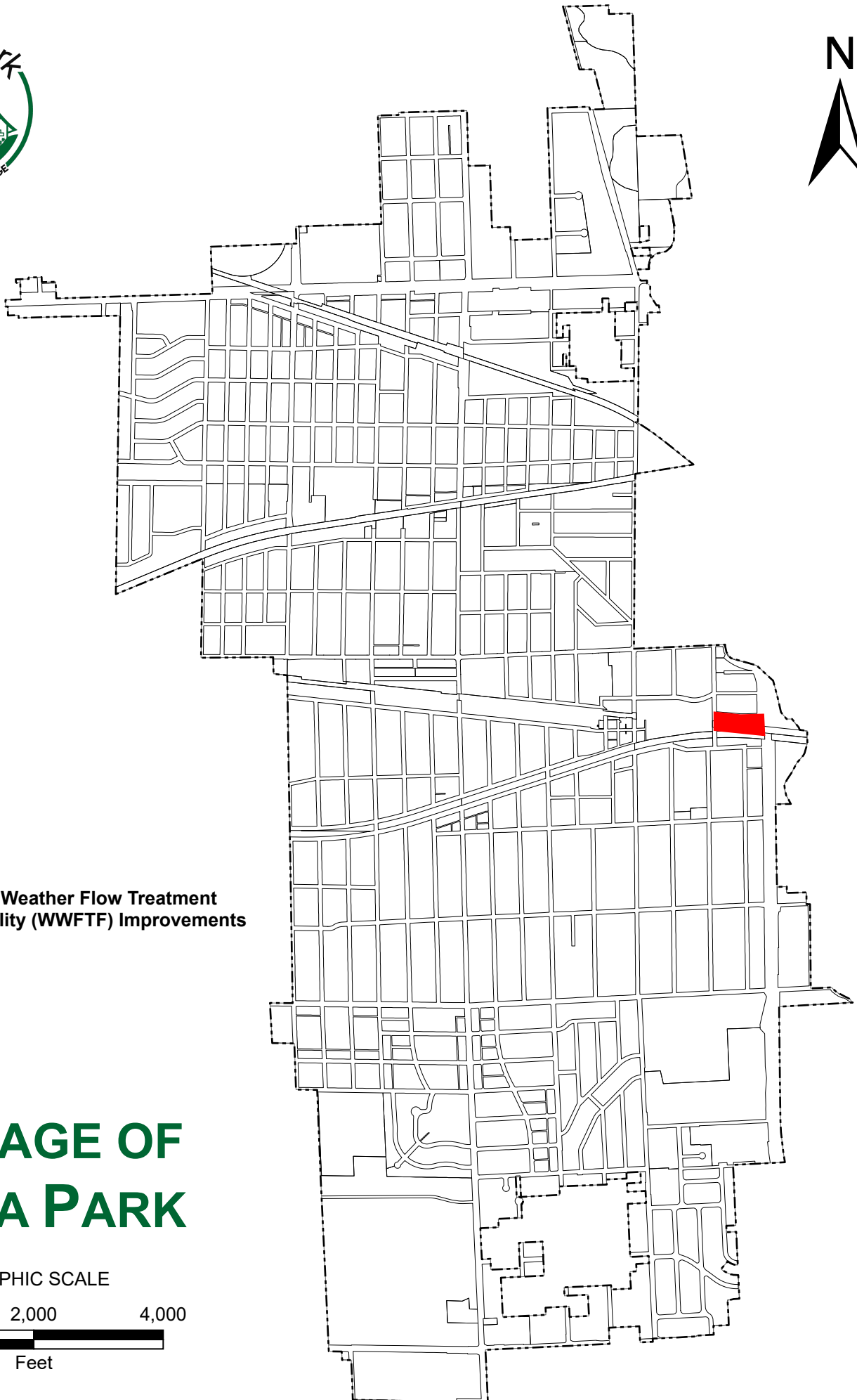
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	70,000	-	35,000	35,000	-	-	-	-
Water Supply Fund ²	12,000	-	6,000	6,000	-	-	-	-
Wastewater Fund ²	6,000	-	3,000	3,000	-	-	-	-
Sewer Separation ¹	108,000	-	54,000	54,000	-	-	-	-
IEPA Water Loan	134,000	-	-	-	-	-	-	134,000
Engineering Subtotals	330,000	-	98,000	98,000	-	-	-	134,000

Construction / Building								
GO Bonds	350,000	-	-	350,000	-	-	-	-
Water Supply Fund ²	60,000	-	-	60,000	-	-	-	-
Wastewater Fund ²	30,000	-	-	30,000	-	-	-	-
Sewer Separation ¹	540,000	-	-	540,000	-	-	-	-
IEPA Water Loan	670,000	-	-	-	-	-	-	670,000
Construction Subtotals	1,650,000	-	-	980,000	-	-	-	670,000

Funding Sources Subtotals								
GO Bonds	420,000	-	35,000	385,000	-	-	-	-
Water Supply Fund ²	72,000	-	6,000	66,000	-	-	-	-
Wastewater Fund ²	36,000	-	3,000	33,000	-	-	-	-
Sewer Separation ¹	648,000	-	54,000	594,000	-	-	-	-
IEPA Water Loan	804,000	-	-	-	-	-	-	804,000
PROJECT TOTALS	1,980,000	-	98,000	1,078,000	-	-	-	804,000

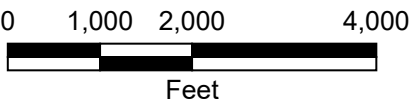
1. An IEPA loan to be repaid with future revenue will be needed for these improvements
2. The Utility Sales Tax is expected to provide funding for these improvements



 **Wet Weather Flow Treatment Facility (WWFTF) Improvements**

VILLAGE OF VILLA PARK

GRAPHIC SCALE



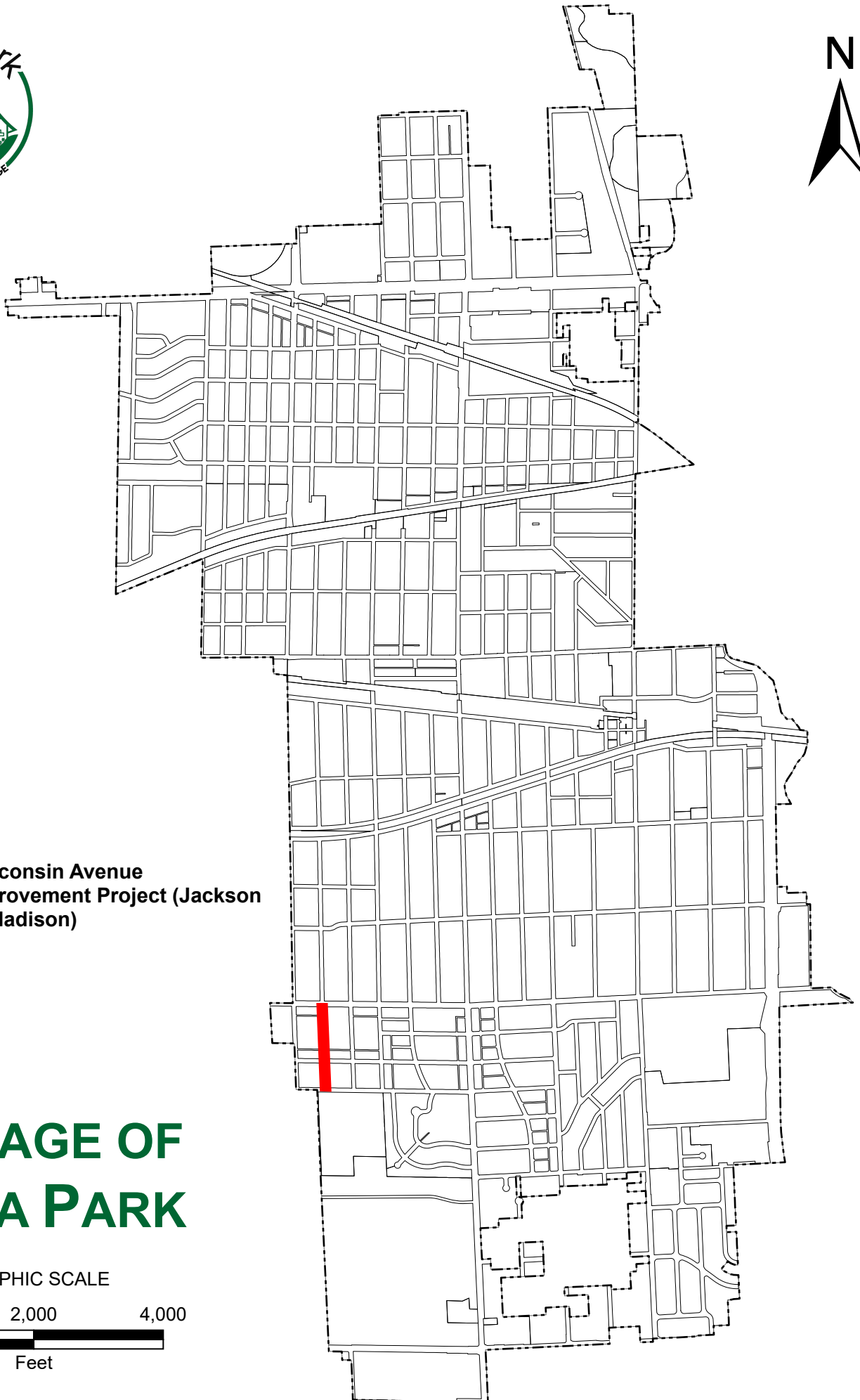
VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Wastewater Fund IEPA Wastewater Loan
Project Name: Wet Weather Flow Treatment Facility (WWFTF) Improvements	
Objective: To improve the condition of the Village's Wet Weather Flow Treatment Facility (WWFTF).	
Description: 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Wastewater Fund	31,136	31,136	-	-	-	-	-	-
IEPA Wastewater Loan	80,000	20,000	40,000	20,000	-	-	-	-
Engineering Subtotals	111,136	51,136	40,000	20,000	-	-	-	-

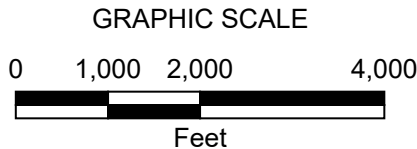
Construction / Building								
Wastewater Fund	50,000	50,000	-	-	-	-	-	-
IEPA Wastewater Loan	400,000	-	200,000	200,000	-	-	-	-
Construction Subtotals	450,000	50,000	200,000	200,000	-	-	-	-

Funding Sources Subtotals								
Wastewater Fund	81,136	81,136	-	-	-	-	-	-
IEPA Wastewater Loan	480,000	20,000	240,000	220,000	-	-	-	-
PROJECT TOTALS	561,136	101,136	240,000	220,000	-	-	-	-



 Wisconsin Avenue
Improvement Project (Jackson
to Madison)

VILLAGE OF VILLA PARK



VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund
Project Name: Wisconsin Avenue Improvement Project (Jackson to Madison)	
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 Jackson Street to Madison 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.	

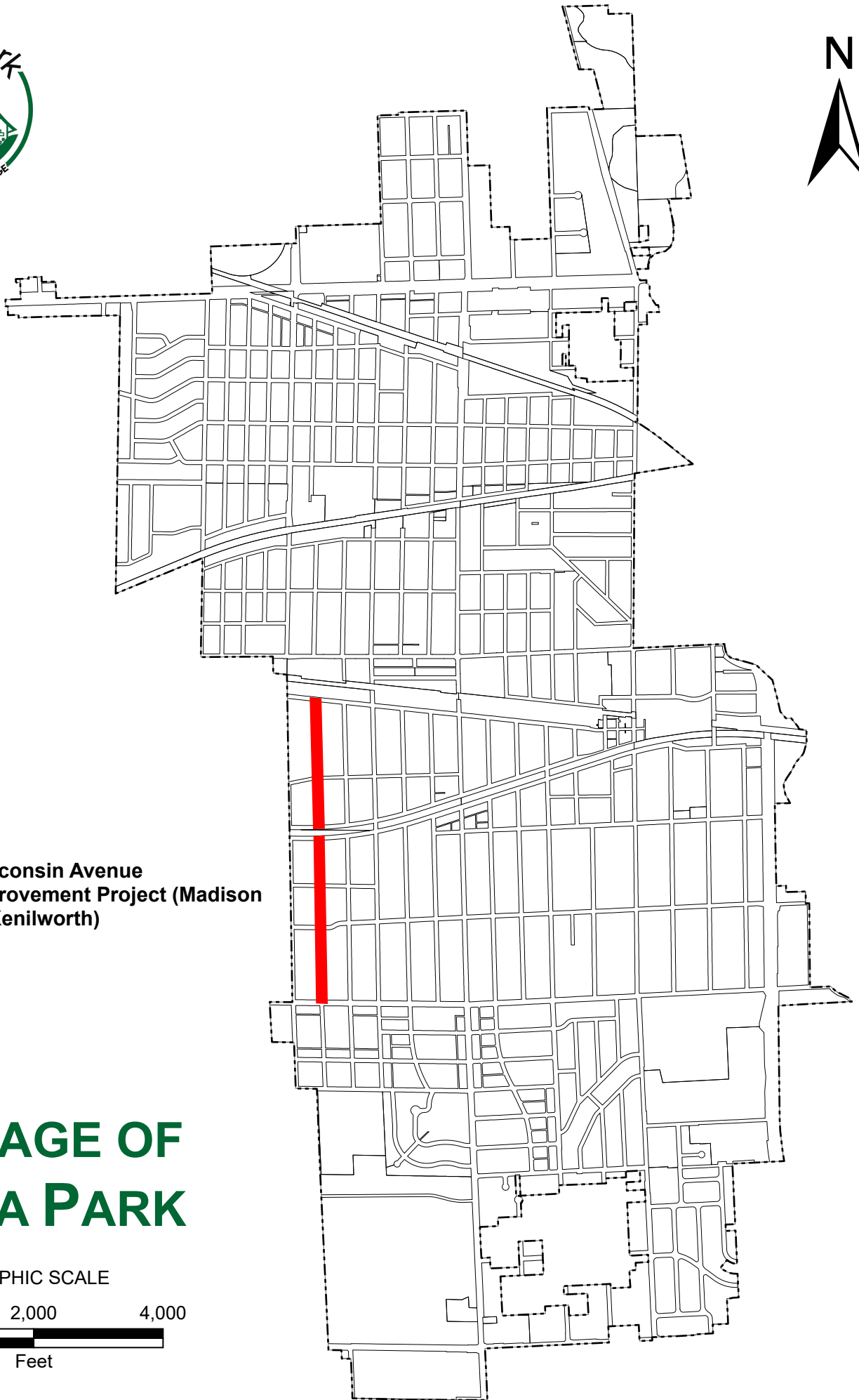
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	70,000	-	35,000	35,000	-	-	-	-
Water Supply Fund ¹	12,000	-	6,000	6,000	-	-	-	-
Wastewater Fund ¹	8,000	-	4,000	4,000	-	-	-	-
Engineering Subtotals	90,000	-	45,000	45,000	-	-	-	-

Construction / Building								
GO Bonds	350,000	-	-	350,000	-	-	-	-
Water Supply Fund ¹	60,000	-	-	60,000	-	-	-	-
Wastewater Fund ¹	40,000	-	-	40,000	-	-	-	-
Construction Subtotals	450,000	-	-	450,000	-	-	-	-

Funding Sources Subtotals								
GO Bonds	420,000	-	35,000	385,000	-	-	-	-
Water Supply Fund ¹	72,000	-	6,000	66,000	-	-	-	-
Wastewater Fund ¹	48,000	-	4,000	44,000	-	-	-	-
PROJECT TOTALS	540,000	-	45,000	495,000	-	-	-	-

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



 Wisconsin Avenue Improvement Project (Madison to Kenilworth)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Stormwater Fund Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Wisconsin Avenue Improvement Project (Madison to Kenilworth)	
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.

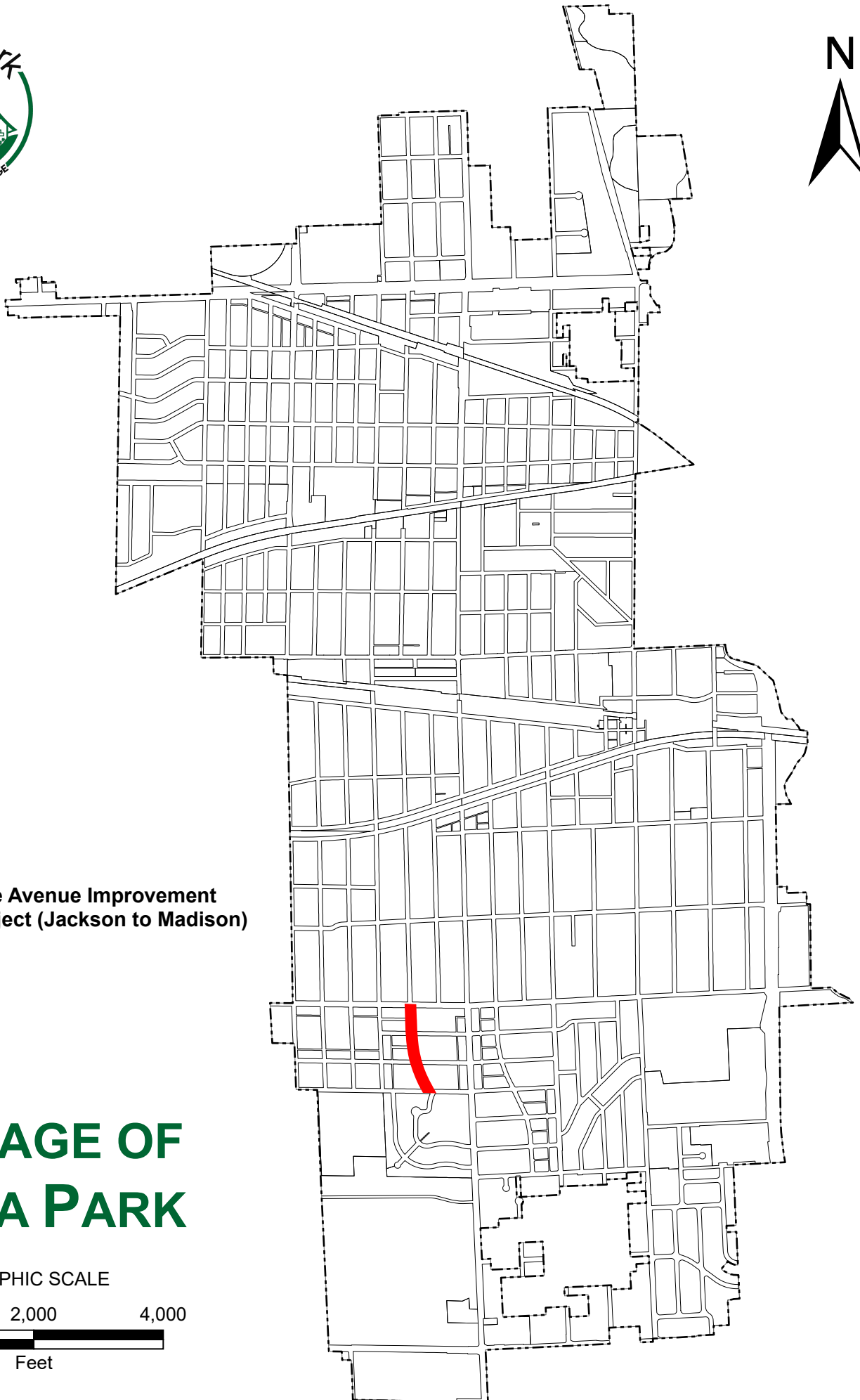
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	


Engineering / Professional Services								
GO Bonds	320,000	-	160,000	160,000	-	-	-	-
Stormwater Fund ¹	332,000	-	-	83,000	83,000	83,000	83,000	-
Water Supply Fund ³	30,000	-	15,000	15,000	-	-	-	-
Wastewater Fund ³	18,000	-	9,000	9,000	-	-	-	-
Sewer Separation ²	304,000	-	152,000	152,000	-	-	-	-
Engineering Subtotals	1,004,000	-	336,000	419,000	83,000	83,000	83,000	-

Construction / Building								
GO Bonds	1,600,000	-	-	1,600,000	-	-	-	-
Stormwater Fund ¹	1,660,000	-	-	-	-	830,000	830,000	-
Water Supply Fund ³	150,000	-	-	150,000	-	-	-	-
Wastewater Fund ³	90,000	-	-	90,000	-	-	-	-
Sewer Separation ²	1,520,000	-	-	1,520,000	-	-	-	-
Construction Subtotals	5,020,000	-	-	3,360,000	-	830,000	830,000	-

Funding Sources Subtotals								
GO Bonds	1,920,000	-	160,000	1,760,000	-	-	-	-
Stormwater Fund ¹	1,992,000	-	-	83,000	83,000	913,000	913,000	-
Water Supply Fund ³	180,000	-	15,000	165,000	-	-	-	-
Wastewater Fund ³	108,000	-	9,000	99,000	-	-	-	-
Sewer Separation ²	1,824,000	-	152,000	1,672,000	-	-	-	-
PROJECT TOTALS	6,024,000	-	336,000	3,779,000	83,000	913,000	913,000	-

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



 Yale Avenue Improvement Project (Jackson to Madison)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Stormwater Fund Water Supply Fund Wastewater Fund
Project Name: Yale Avenue Improvement Project (Jackson to Madison)	
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.

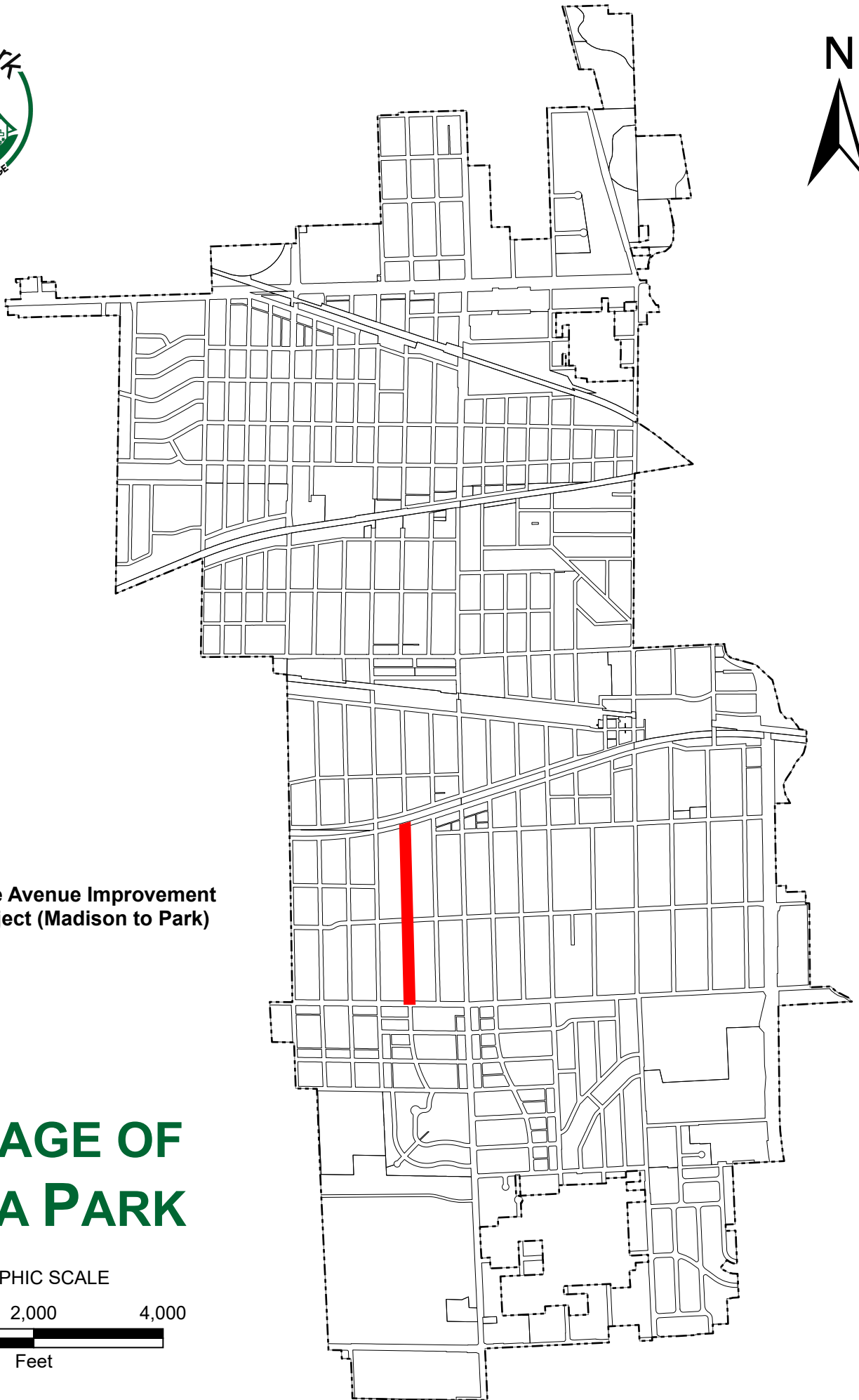
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
GO Bonds	94,000	-	47,000	47,000	-	-	-	-
Stormwater Fund ¹	82,000	-	41,000	41,000	-	-	-	-
Water Supply Fund ²	10,000	-	5,000	5,000	-	-	-	-
Wastewater Fund ²	6,000	-	3,000	3,000	-	-	-	-
Engineering Subtotals	192,000	-	96,000	96,000	-	-	-	-

Construction / Building								
GO Bonds	470,000	-	-	470,000	-	-	-	-
Stormwater Fund ¹	410,000	-	-	410,000	-	-	-	-
Water Supply Fund ²	50,000	-	-	50,000	-	-	-	-
Wastewater Fund ²	30,000	-	-	30,000	-	-	-	-
Construction Subtotals	960,000	-	-	960,000	-	-	-	-

Funding Sources Subtotals								
GO Bonds	564,000	-	47,000	517,000	-	-	-	-
Stormwater Fund ¹	492,000	-	41,000	451,000	-	-	-	-
Water Supply Fund ²	60,000	-	5,000	55,000	-	-	-	-
Wastewater Fund ²	36,000	-	3,000	33,000	-	-	-	-
PROJECT TOTALS	1,152,000	-	96,000	1,056,000	-	-	-	-

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



 Yale Avenue Improvement Project (Madison to Park)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): Street Improvement Fund GO Bonds Water Supply Fund Wastewater Fund Sewer Separation
Project Name: Yale Avenue Improvement Project (Madison to Park)	
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.

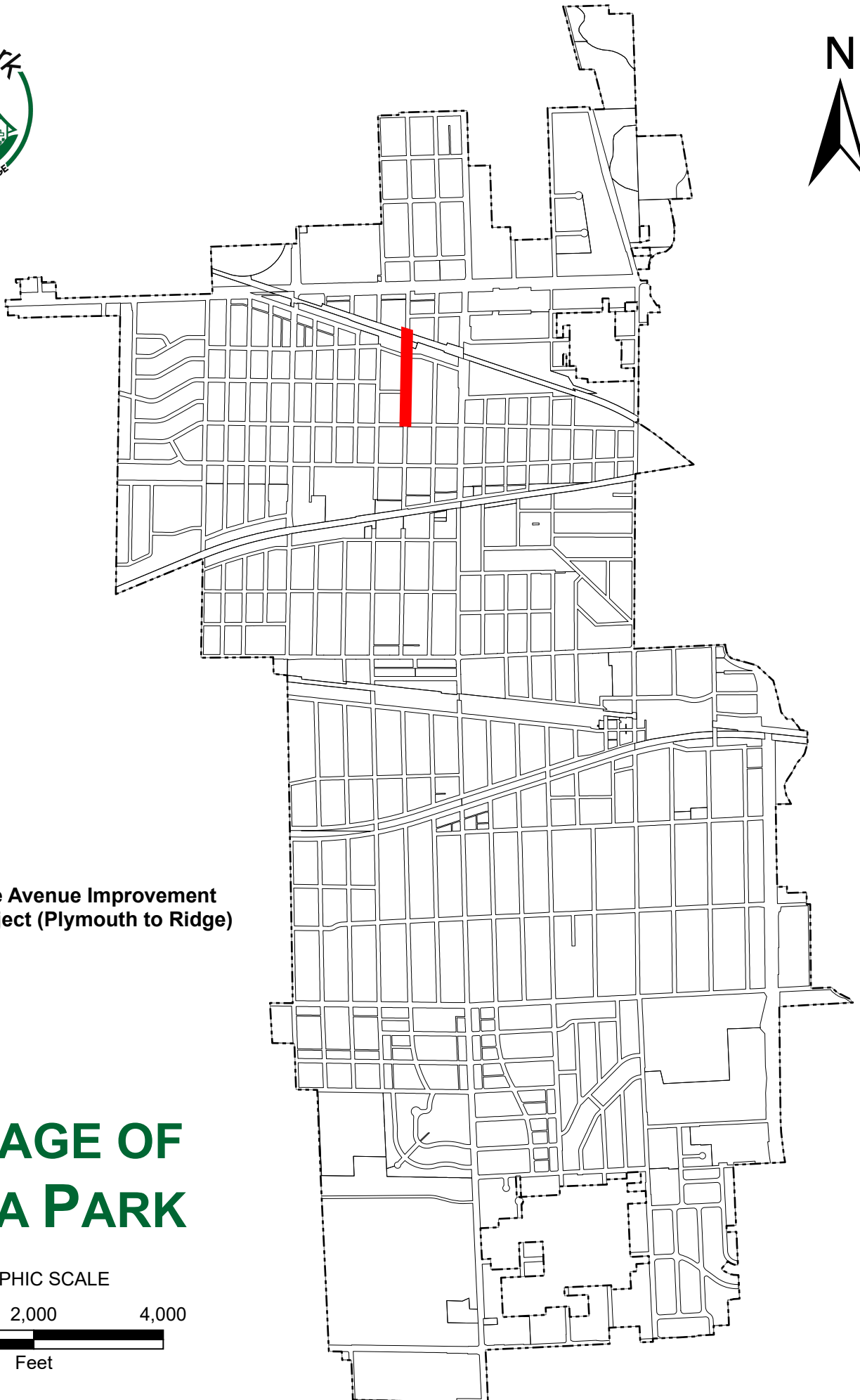
Funding Source	Total Cost	Previous Years	Estimated Expenditures by Year					Future Years
			2020	2021	2022	2023	2024	

Engineering / Professional Services								
Street Improvement Fund	72,000	-	-	36,000	36,000	-	-	-
GO Bonds	68,000	-	-	34,000	34,000	-	-	-
Water Supply Fund ²	18,000	-	-	9,000	9,000	-	-	-
Wastewater Fund ²	12,000	-	-	6,000	6,000	-	-	-
Sewer Separation ¹	264,000	-	-	132,000	132,000	-	-	-
Engineering Subtotals	434,000	-	-	217,000	217,000	-	-	-

Construction / Building								
Street Improvement Fund	360,000	-	-	-	360,000	-	-	-
GO Bonds	340,000	-	-	-	340,000	-	-	-
Water Supply Fund ²	90,000	-	-	-	90,000	-	-	-
Wastewater Fund ²	60,000	-	-	-	60,000	-	-	-
Sewer Separation ¹	1,320,000	-	-	-	1,320,000	-	-	-
Construction Subtotals	2,170,000	-	-	-	2,170,000	-	-	-

Funding Sources Subtotals								
Street Improvement Fund	432,000	-	-	36,000	396,000	-	-	-
GO Bonds	408,000	-	-	34,000	374,000	-	-	-
Water Supply Fund ²	108,000	-	-	9,000	99,000	-	-	-
Wastewater Fund ²	72,000	-	-	6,000	66,000	-	-	-
Sewer Separation ¹	1,584,000	-	-	132,000	1,452,000	-	-	-
PROJECT TOTALS	2,604,000	-	-	217,000	2,387,000	-	-	-

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



 Yale Avenue Improvement Project (Plymouth to Ridge)

VILLAGE OF VILLA PARK

GRAPHIC SCALE

0 1,000 2,000 4,000



Feet

VILLAGE OF VILLA PARK CAPITAL IMPROVEMENT PLAN 2020 THROUGH 2024	Fund(s) / Department(s): GO Bonds Water Supply Fund Wastewater Fund CDBG Grant
Project Name: Yale Avenue Improvement Project (Plymouth to Ridge)	
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 has been awarded 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
			2020	2021	2022	2023	2024	

Engineering / Professional Services									
GO Bonds	71,600	34,600	37,000	-	-	-	-	-	-
Water Supply Fund ¹	113,700	53,700	60,000	-	-	-	-	-	-
Wastewater Fund ¹	2,000	-	2,000	-	-	-	-	-	-
CDBG Grant	-	-	-	-	-	-	-	-	-
Engineering Subtotals	187,300	88,300	99,000	-	-	-	-	-	-

Construction / Building									
GO Bonds	370,000	-	370,000	-	-	-	-	-	-
Water Supply Fund ¹	180,000	-	180,000	-	-	-	-	-	-
Wastewater Fund ¹	20,000	-	20,000	-	-	-	-	-	-
CDBG Grant	400,000	-	400,000	-	-	-	-	-	-
Construction Subtotals	970,000	-	970,000	-	-	-	-	-	-

Funding Sources Subtotals									
GO Bonds	441,600	34,600	407,000	-	-	-	-	-	-
Water Supply Fund ¹	293,700	53,700	240,000	-	-	-	-	-	-
Wastewater Fund ¹	22,000	-	22,000	-	-	-	-	-	-
CDBG Grant	400,000	-	400,000	-	-	-	-	-	-
PROJECT TOTALS	1,157,300	88,300	1,069,000	-	-	-	-	-	-

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

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