



## VILLAGE OF ARLINGTON HEIGHTS

# 2021 - 2025 CAPITAL IMPROVEMENT PROGRAM



*"The Capital Improvement Program identifies community goals and needs and can ensure that major capital expenditures are in line with community expectations, anticipated growth, and projected financial capability."*

**June 2020**



# VILLAGE OF ARLINGTON HEIGHTS 2021 - 2025 Capital Improvement Program

June 2020

## VILLAGE BOARD

Thomas W. Hayes, Village President

Richard Baldino  
Mary Beth Canty  
Robin LaBedz  
Greg Padovani

Bert Rosenberg  
John Scaletta  
Thomas F. Schwingbeck, Jr.  
Jim Tinaglia

## ADMINISTRATION

Randall R. Recklaus, Village Manager

## CAPITAL IMPROVEMENT PROGRAM COMMITTEE

Thomas F. Kuehne (Chairman)	Finance Director/Treasurer
Mary Ellen Juarez	Assistant Finance Director
Randall Recklaus	Village Manager
Diana Mikula	Assistant Village Manager
Scott Shirley	Director of Public Works
Cris Papierniak	Assistant Director of Public Works
Mike Pagones	Village Engineer
Chester Gorecki	Management Analyst
Jeff Musinski	Superintendent of Utilities
Steve Mullany	Public Works Services Coordinator
Charles Witherington-Perkins	Director of Planning & Community Development
William Enright	Deputy Director of Planning & Community Development
Steve Touloumis	Director of Building Services
Robert Taraszka	IT Manager
Andrew Larson	Fire Chief
Ron Fraider	Deputy Fire Chief
Nick Pecora	Chief of Police
Nate Hayes	Deputy Chief of Police
Mem Teolis	Police Fiscal Clerk
Kevin Baumgartner	Accountant/Budget Coordinator

# **VILLAGE OF ARLINGTON HEIGHTS 2021-2025 CIP EXECUTIVE SUMMARY**

A Capital Improvement Program (CIP) is a financial planning, budgeting, and management tool that identifies public facility, infrastructure, and equipment replacement and repairs, and schedules these requirements for funding and implementation. The development of the CIP consists of staff input, discussions of public input, and a review process leading to two products:

- A capital improvement plan
- A capital improvement budget

The former is the multi-year plan that identifies all capital projects that are proposed for funding during that period (subject to annual revision). The latter is the capital spending budget for the upcoming fiscal year.

The CIP lists each proposed capital project, the year when it is anticipated to start, the amount expected to be expended on the project each year, and the proposed sources of financing. Based on these individual project details, summaries of capital expenditure needs in each year are prepared. These are then matched with funding available from all sources, including current revenues, grants, and other intergovernmental assistance as well as borrowing. Thus, a Capital Improvement Program represents a balance between project requests and current and future financing capabilities.

Roadways, sidewalks, buildings, vehicles, and equipment should be replaced as needed to continue to provide for the safety and well-being of the public and Village employees. Deferral of needed infrastructure maintenance activities would only serve to increase overall costs over the long-term.

This “Executive Summary” provides a general overview of the 2021-2025 Capital Improvement Program for the Village of Arlington Heights. Following this section are multi-year presentations for each Village fund that has capital expenditures, including capital project request sheets for each 2021 through 2025 project listed in the fund. The project request sheets provide a justification for the expenditure, and identify the funding source and the fiscal year the expenditure is anticipated to occur.

## **CIP PROCESS**

A detailed five-year CIP process is completed on a biennial basis as part of the Village’s planning and budgeting process. The Village’s CIP Committee assembles information to update the detailed five-year capital improvement

plan, and projects funding sources to pay for them. Existing or ongoing projects included in the five-year CIP are re-evaluated for continued inclusion in the plan. The Village's website is also utilized to generate capital project ideas from Village residents. A number of the suggestions from our residents pertained to several common issues, some of which were already included in the CIP. Other requests will require more analysis, a few were forwarded to the Park District, and some suggestions were more operational in nature.

The detailed five-year CIP is developed during even-numbered years, with special emphasis on the first two years of the plan. This reflects the multi-year nature of many of the capital projects that are included in the CIP. During the years when there isn't a detailed CIP being presented to the Board, the following activities occur:

- A. Staff provides the Village Board with a summary update showing any changes in estimated costs from the prior year.
- B. After the local election process that occurs every two years, each Department prepares a presentation for the "new" Board. This is followed by the Village Board's bi-annual goal setting process. After the Board's goals and objectives are established, Staff develops a two-year business plan that reflects the Board's stated goals.

Detailed five-year CIP plans and summary updates are sent to the Village Board for review, discussion, possible modification, and approval.

Projects included in the five-year CIP have been prioritized as follows:

**Obligated (OBLG)** – the Village has entered into a contract or agreement to complete the project or the project is obligated by State, Federal, or other environmental regulations.

**Replacement/Maintenance (R/M)** – this is part of an ongoing infrastructure or equipment maintenance program or scheduled replacement program.

**Essential (ESST)** – projects that, in staff's opinion, are necessary to continue providing basic services, or are necessary to maintain the health, safety, and welfare of the community.

**Discretionary (DISC)** – projects that are needed or desired, but do not fall into any of the other three categories.

## 2021-2025 CAPITAL IMPROVEMENT PROGRAM SUMMARY

The Village has continued to prudently plan for the future by investing in our infrastructure. This includes an ongoing commitment to maintain Village streets at a high level, and to increase the amount spent on the water main replacement program. During 2019 and 2020, some of the key CIP improvements included the following:

- Continued the annual street resurfacing and street reconstruction program totaling over \$8.5 million.
- In October 2019 the Village Board approved a five-year plan to provide sustainable funding for the Village's Water & Sewer Fund. During August 2020, the Village will manage its debt service level by selling a \$13.7 million bond issue. The annual debt service cost of this issue will be covered by retiring debt in 2021. \$9 million of the proceeds from the bond sale is planned to be used in the Water & Sewer Fund to allow the Village to sustain the recommended 1%, or \$4 million annual water main replacement schedule.
- The second and third year of a multi-year program to implement storm water control programs throughout the Village. During this two year period, the Village expanded the Cypress Detention Basin and improved the related storm sewers. A lack of adequate storm drainage in the Cypress Street area inhibited development and resulted in street and surface flooding problems, threatening private residences in the area. The Village also coordinated the replacement of water mains and the completion of roadway improvements in this area during the 2020 construction phase of the project. The Area 4 – Street Ponding Campbell/Sigwalt project was also completed. This project addressed deficiencies in the existing combined sewer system in the Downtown area through the installation of larger combined sewer mains.

### Debt Service

Due to maturing debt, during 2020 the Village has an opportunity to manage its debt service by selling bonds without increasing the annual debt service cost. By managing debt in this way, the Village can continue to provide additional funding for needed capital improvements through bond sales, without increasing the Village's debt service property tax levy. Over the last year Staff has worked with the Village's bond consultant, Speer Financial, to develop a 15 year plan where the Village's debt service remains consistent from year to year while providing bond sale opportunities every five years. **Exhibit A** is a summary of this plan which reflects an annual debt service cost of about \$6.5 million per year, or a decrease of \$257,000 from the current debt service levy. This is also a fortuitous time to sell a bond issue, as interest rates on bond sales are very low.

As part of the October 2019 Water Rate Study, the Village Board approved using \$8.5 million of the planned \$13.7 million bond sale in August 2020 toward the water main replacement program. This bond sale will not increase the property tax levy due to maturation of existing debt. Staff has developed the following list of proposed uses for the 2020 bond sale:

\$9,000,000      Water & Sewer Fund - Staff recommends increasing the amount used toward the water main replacement program by \$500,000, due to new program costs in this fund. Starting in 2022, a new program concentrating on the replacement of high use commercial water meters is included in the Water & Sewer Fund. This program will help improve user fee collections by detecting and replacing failing commercial water meters earlier.

\$3,000,000      Capital Projects Fund - It is recommended that \$3.0 million be used toward the Village's street program. As shown in the five-year Capital Projects Fund summary, by using these bond funds the Village will be able to transfer \$500,000 of the annual property tax levy from the Capital Projects Fund to the General Fund. This will provide needed property tax support for the Village's General Fund, which has incurred significant revenue losses during the Coronavirus pandemic.

\$1,700,000      Municipal Parking Operations Fund – It is recommended that \$1.2 million be used toward the parking structure maintenance program, \$300,000 for the parking garage elevator improvements, and \$200,000 for parking lot improvements (Nicholl Knoll Police annex and the Train Station).

**\$13,700,000**      Total 2020 Bond Issue

As we look ahead to the potential 2025 \$17 million bond opportunity shown in Exhibit A, additional monies could be allocated to the water main program in an effort to reduce the average age of the mains. The Village's elevator refurbishment program will require additional funding for elevator projects in the public parking garages, Village Hall, and elsewhere. By 2025 there will also likely be improvements needed to the Village's older fire stations, the Senior Center, and various other public buildings.

### **Capital Projects Priority List**

To assist the CIP Committee in the development of the proposed CIP, in 2015 the Village Board was asked to update its capital project priority list. The results outlined below show that the Village Board's number one priority remains Street Resurfacing and Reconstruction. Flood Control and Storm

Sewer projects are the next highest priorities. In early 2021, Staff will perform another survey of the Village Board and will update this list if needed.

1. **Street Resurfacing** (Capital Projects Fund)
2. **Street Reconstruction** (MFT Fund)
3. **Flood Control Projects** (Storm Water Control Fund)
4. **Storm Sewer Program** (Storm Water Control Fund)
5. **Operating Equipment Replacement** (Capital Projects Fund)
6. **Backyard Drainage Improvements** (Storm Water Control)
7. **Pavement Crack Sealing** (Capital Projects Fund)
8. **Paver Brick Maintenance** (Capital Projects Fund)
9. **Sidewalk & Curb Replacement** (Capital Projects Fund)
10. **Roof Maintenance Program** (Capital Projects Fund)
11. **Traffic Signal Maintenance** (MFT Fund)
12. **Historical Society – Building Repairs** (Capital Projects Fund)

The Village’s street resurfacing and reconstruction programs remain as key components of the CIP, with about 34% of the proposed 2021 capital budget expenditures designated for these programs.

**Exhibits B, C and D** provide CIP summary information and demonstrate the Village’s focus on street projects. **Exhibit B** shows a pie chart broken down by expenditure type for 2021. **Exhibit C** is a multi-year bar chart of the 2021-2025 CIP by type of project. **Exhibit D** presents detailed information on the 2021-2025 CIP by type and by project name. **Exhibit E** is a multi-year presentation of CIP expenditures summarizing actual and projected expenditures from 2016 through 2025.

### **Summary by Fund:**

**The Capital Projects Fund** accounts for a variety of capital improvement projects including street resurfacing/rehabilitation, sidewalk repair/replacement, operational equipment replacement, traffic signal improvements, and other miscellaneous projects. Financing for this fund is provided primarily by property taxes, a ¼% home-rule sales tax, an annual transfer-in of \$300,000 from the SWANCC Fund, and grant revenues. 2020 also includes the abovementioned bond proceeds. Occasional transfers-in from other funds augment this fund’s revenue stream.

The Village has increased spending on its annual street resurfacing and rehabilitation program from about \$5.8 million per year to over \$8.5 million per year. In 2021 and beyond, total street expenses across all funds are budgeted to exceed \$9.8 million per year. As identified through a pavement study, this level of annual spending is necessary to maintain our streets in “good” condition. To provide a consolidated view of the total amount the Village spends on streets each year, the Capital Projects Fund section of the

CIP includes a "Summary of Total Street Expenses and Budgets" from FY2016 through 2025.

From 2019 - 2022 the Paver Brick Maintenance Program includes additional funds to update the pedestrian ways and eliminate trip hazards. These funds are available due to a prior year transfer from the EAB Fund in 2017 when that fund was closed. This program was put on hold in 2020 due to budget considerations. The remaining budgeted cost of this augmented program is \$412,000 in 2021, \$400,000 in 2022, and \$100,000 per year thereafter to maintain the Downtown sidewalks.

The \$300,000 Kensington Road & Multi-Use Path Improvement project was re-budgeted in 2021. Two new street projects are also included in 2021, with the first year costs of the Weber Drive/Old Wilke Road Street Reconstruction project and the Wilke Road Resurfacing project.

The Northwest Highway Corridor plan which started in 2017 and continues through 2023 will remove and replace the landscaping across five acres of land with a native species that blooms throughout the year. During the 2016 CIP the Village Board directed staff to use in-house resources as much as possible to develop a plan for this project. Through the efforts of the Planning and Public Works Departments, the scaled down plan to improve the Northwest Highway Corridor stands at a total cost of \$357,700. The cost to maintain this corridor is expected to be about \$25,000 per year which will be added to the General Fund operations budget. The current year phase was bid but placed on hold due to the pandemic.

The Rand Road Corridor Identification program is a multi-year program and is currently budgeted at a total cost since 2017 through 2025 of \$829,700, with \$427,800 coming from the Capital Projects Fund and \$401,900 from the TIF V Fund. There is another 1.07 million in unspecified/uncommitted costs for this program. The project priorities are currently being reevaluated and adjusted based upon IDOT feedback and restrictions impacting the first two planned phases. The goal of the program is to create a separate unifying identity for this shopping district. In addition, enhancing the area will help attract new businesses while making it more aesthetically pleasing for residents, businesses and shoppers who patronize the area.

The proposed budget also includes funds for a consultant to help develop specific improvement plans for the South Arlington Heights Road Corridor. This corridor has been highlighted by local business owners as needing improvement. Funding for any future improvements to this corridor will need to be identified.

The proposed 2021-2025 Capital Projects Fund budget includes the third year of an eight year plan to convert all Village owned street lights to energy efficient LED's. Under their present program, the Village will receive a rebate of \$24,640 from Com Ed for each set of 400 fixtures installed. The

manufacturer's projected life expectancy for the LED lights is 10-15 years, and the expected payback period for each set of 400 lights installed will be three years. This is based on the proposed annual expenditure including labor, an annual energy savings of \$18,500, and the annual rebate.

**The Motor Fuel Tax (MFT) Fund** covers the cost of a portion of the Village's street rehabilitation program which was previously budgeted at \$1.8 million per year based on annual MFT allotments received through the State. Of the State's .19/gallon tax on fuel purchases, 54.4% is shared with local governments. Of this amount, 49.1% is shared with municipalities based on population. The balance is shared with Counties and Townships.

In 2019, the State of Illinois approved a new capital plan under which the gas tax was doubled to .38/gallon. The newly increased portion of the tax is divided differently than the initial .19/gallon distribution. The Village projects that it will potentially receive an additional \$900,000 per year for street reconstruction during non-pandemic driving scenarios. In addition to these funds, the State's capital plan provides additional bi-annual MFT grant funds for streets over the next three years. In May 2020 the Village received the first installment of these grants equal to \$825,000. As this is a recent, first-time grant award from the State's new capital program, Staff will ensure that future grant installments are guaranteed before we include them in our budget.

The MFT taxes are applied on a cents per gallon sold basis. As a result, when gasoline usage goes down MFT tax receipts decline. Even with the decreased gasoline usage due to the pandemic, the additional revenues from the State capital program have allowed the Village to increase the 2021 budget for the MFT Street Rehabilitation program to \$2.4 million per year. Once the Village has received these additional tax and grant funds for an entire year and normal driving habits return, the Village will likely be in a position to plan for a larger street rehabilitation program than is currently budgeted. This in turn may free up some of the street rehabilitation costs currently budgeted in the Capital Projects Fund to be used toward the street resurfacing program.

**The Storm Water Control Fund** includes an annual budget of \$300,000 for the Backyard Drainage Improvements program. As part of the Water and Sewer Rate Study completed in 2014, it was noted that the Village did not have a storm sewer rehabilitation program, and that the Village repairs storm sewer failures as they are identified by either residents or Staff. The storm sewer system is comprised of approximately 212 miles of storm sewer with 9,462 related structures. The first part of establishing a storm sewer rehabilitation program is the overall assessment of the system's condition. Based on the size of the Village's system, the proposed CIP reflects annual storm sewer costs of \$500,000 to lightly clean, televise, and analyze the condition of the Village's system. This portion of the program will take about two more years to complete, after which the entire annual budget will be

devoted to storm sewer rehabilitation and replacement work identified during the system assessment.

The overhead sewer program is designed to encourage residents to install overhead sewers, including ejector pits and pumps. The enhanced program which started at the end of 2017, provides an even greater incentive with a 75% reimbursement for resident participants up to \$11,250 per single family home (from 50% - \$7,500 maximum). Since the beginning of the program in 2007, 232 homeowners have participated, and 36 of those have been completed under the enhanced program. A study performed in 2016 showed that overhead sewers are one of the most cost effective ways of protecting homes against sewer backups. The enhanced program is designed to fund the first 400 applicants for the enhanced program. Staff will continue to market the program; however, if an insufficient number of applicants come forward, staff may recommend that this program's funds be reallocated to other needed storm water projects.

During 2021 the Village plans to complete the Area D – Greenbrier/Roanoke/Wilke project. The lack of adequate storm drainage in this area results in street and surface flooding that threatens the private residences in the area. Larger storm pipes and more storage will be constructed to meet current standards. Larger storm pipes will also be constructed as part in the Area C – Burr Oak/Hintz Road project.

For all storm water projects, Staff is continuing to seek grant funding, when available, for these projects.

**The Water & Sewer Fund** – In October 2019 the Village Board approved a five-year water and sewer rate adjustment plan that allowed the Village to increase the amount spent on its water main replacement program. The Village's water and sanitary sewer infrastructure is aging, and the average number of water main breaks are two to three times that of comparable communities. In 2015 the Village was spending about \$500,000 per year on water main replacement. Due to the five-year rate plan changes in 2014 and 2019, as well as the \$9 million in bond proceeds in 2020, the Village is now able to replace at least \$4 million or the industry standard of 1% of its water main system on an annual basis.

Reaching the \$4.0 million annual replacement level provides the Village with a recommended schedule by which the Village would replace 1% of its water mains each year. However, the Village's water mains are now an average of 66 years old, and we would need to improve the average age to at least 60 years old in order to maintain an average annual replacement schedule. The current plan reflects an annual increase of \$100,000 in the water main replacement program. In addition, in 2025 the Village will have another bonding opportunity which could be used in part to replace some of our older water mains, thereby reducing the average age.

Even with the planned rate adjustments, the Village's water and sewer rates will be at or below the average for communities in the Chicago area. Other key Water & Sewer Fund CIP projects include the Sanitary Sewer Replacement, Water Tank Painting, and the Residential and Commercial Meter Replacement programs.

**The Municipal Parking Operations Fund** covers the costs associated with maintaining the public parking facilities, as well as the operating costs to collect fees and enforce parking regulations.

In September 2014 Village Staff completed a review of the Parking Garage Assessment prepared by Walker Restoration Consultants. The CIP reflects the results of this assessment which provided the Village with a ten-year working plan for the maintenance and rehabilitation of the four municipal parking garages. A 2015 transfer of \$2 million from the General Fund to the Parking Fund helped cover the initial \$2.3 million cost of the project.

According to the consultant, the completion of the rehabilitation work on the Village's four public parking garages during 2018 returned these 17 to 35 year old structures back to their original integrity, with new service lives of 40 to 50 years. Ongoing parking structure maintenance in 2021 and beyond includes surface top coats, elevator modernization, and concrete repairs and waterproofing at all four public parking structures. It is proposed that \$1.7 million of the 2020 bond issue proceeds be allocated to the Municipal Parking Fund to cover some of these costs.

**The Public Building Fund** – Over the last 13 years this fund has been used to account for the construction of the new Public Works Facility, Fire Station 1, Village Hall, and the Police Station. Now that these major building projects are complete, the Village plans to close this fund by the end this year. This fund is projected to have over \$3 million in fund balance remaining as of the end of 2020. As such, the Village Board has an opportunity to transfer these funds to needed areas. Staff has reviewed the Village's various capital projects and funds, and has the following recommendations for potential transfers:

1. Potential \$2 million transfer to the Technology (IT) Fund. During June 2020 the Village sent out an RFP for our new Enterprise Resource Planning (ERP) software system. Proposals are due back to the Village in August. The Village's ERP consultants estimate that the bids should come in between \$2 to 4 million for a new system, depending on the extent of what the Village wants to accomplish with its ERP system. The IT Fund currently has \$2.6 million set aside for the all-in cost of the software and consultant fees. The Village's current ERP software system was purchased in 1996. Although it has been updated over the years, the newer software will provide more proven capabilities that the Village needs, in order to offer the efficiency and online services that are now expected by our residents and businesses.

2. Potential transfer to the Fleet Fund. During 2021 the Village will need to review the current internal funding scheme of the Fleet Fund. Based on the projected drawdown of the Fleet Fund's reserves over the next five years, this fund may need an infusion of cash, rather than increasing internal service charges to the General Fund Departments.
3. Transfer to the Arts, Entertainment, and Events (A & E) Fund. The Coronavirus Recession has resulted in a significant decrease in Food & Beverage (FBT) taxes, which is the primary revenue source for this fund. FBT revenues aren't expected to reach 2019 levels again until 2022. As a result, there is a projected funding gap for this fund that will need to be addressed, to continue a sustainable fund operation.

It is recommended that these suggested transfers be considered during the Village Board's review of the Proposed 2021 Budget.

**Other Funds** include the Criminal Investigations, TIF IV, TIF V, TIF Hickory/Kensington, Fleet, and Technology Funds.

## **ORGANIZATION OF THE CIP PLAN**

To provide a clear sense of available resources and proposed capital projects, the sections that follow are divided by fund. A narrative summary of each fund's key projects and issues is provided at the beginning of each fund section. As mentioned earlier, multi-year presentations of each fund's revenues and expenditures are included, as well as project request sheets for each 2021 through 2025 project. If a fund includes both operating and capital expenses, projected operating expenses are shown through the last year of the CIP. The last two sections of the CIP show other non-major funds and then a list of unfunded projects which the CIP Committee felt were important to track, but were beyond the five-year horizon of the CIP, or marked as unfunded due to a high expense and an undetermined funding source.

The CIP Committee has reviewed each of these funds and the projects therein, and recommends that the proposed capital improvement budget for 2021 in the amount of \$34,128,700 be accepted. This is the first year of the five-year \$140.2 million Capital Improvement Program.

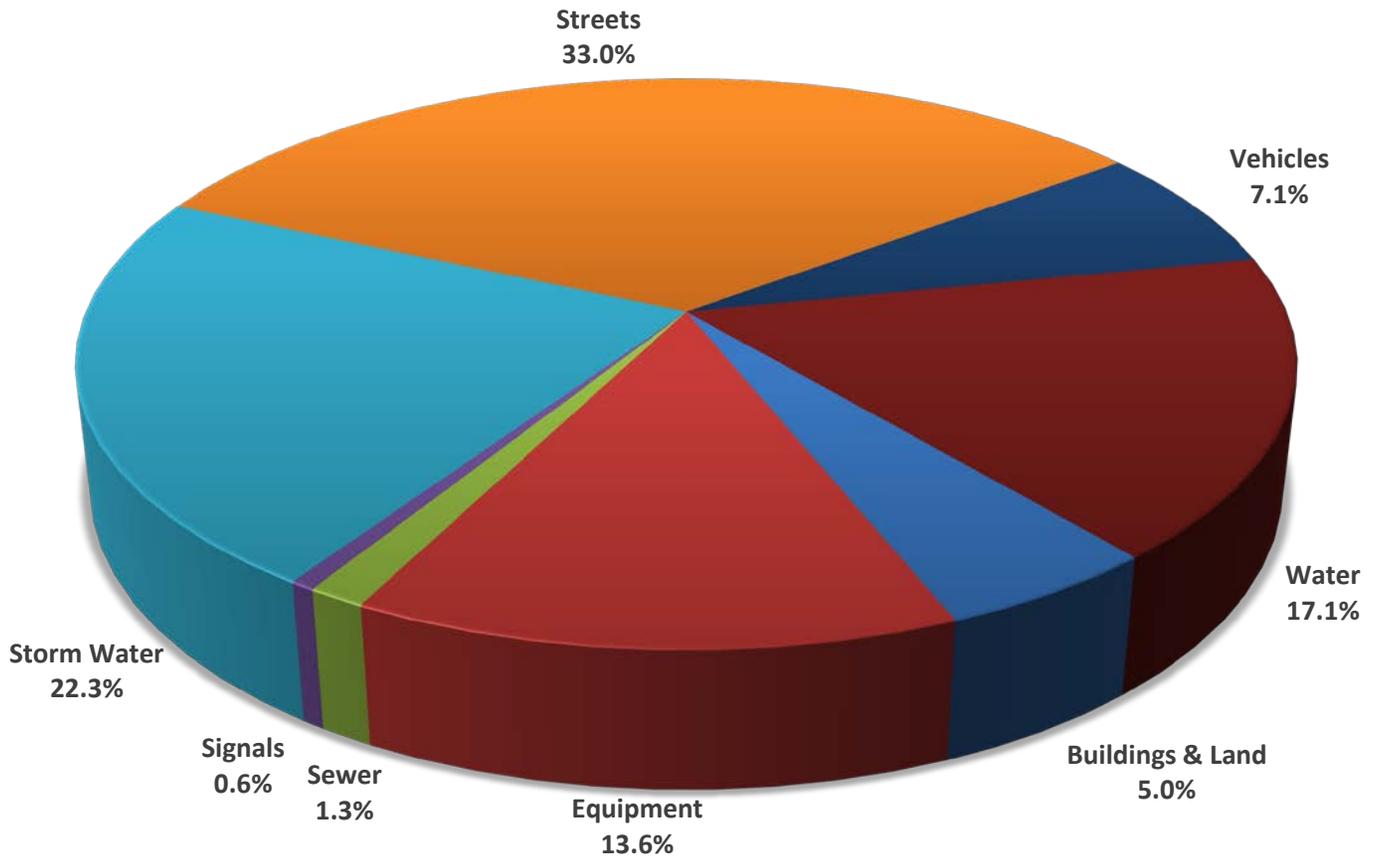
**Village of Arlington Heights, Illinois**  
**Debt Model - June 15, 2020**  
**PRELIMINARY**

**Schedule 2**  
**Projected Future Issuances - \$6.5M Max Debt Service**

Levy Year	Bond Year (Dec-1)	Existing Tax Supported Debt Service	General Obligation Bond, Series 2020				General Obligation Bond, Series 2025				General Obligation Bond, Series 2030				Estimated Total New Tax Supported Debt Service		
			Dated: August 26, 2020 \$13.7 Million Project	Principal (12/1)	Rate (1)	Interest (6/1 & 12/1)	Total	Dated: January 1, 2025 \$17.04 Million Issuance	Principal (12/1)	Rate (1)	Interest (6/1 & 12/1)	Total	Dated: February 1, 2030 \$20.3 Million Issuance	Principal (12/1)		Rate (1)	Interest (6/1 & 12/1)
2019	2020	6,690,350				0											6,690,350
2020	2021	5,187,350	695,000	4.00%	613,997	1,308,997											6,496,347
2021	2022	4,976,900	1,060,000	4.00%	458,000	1,518,000											6,494,900
2022	2023	4,974,550	1,105,000	4.00%	415,600	1,520,600											6,495,150
2023	2024	4,974,400	1,150,000	4.00%	371,400	1,521,400											6,495,800
2024	2025	4,173,000	700,000	4.00%	325,400	1,025,400	675,000	4.00%	624,800	1,299,800							6,498,200
2025	2026	3,728,100	670,000	4.00%	297,400	967,400	1,145,000	4.00%	654,600	1,799,600							6,495,100
2026	2027	2,410,750	2,015,000	4.00%	270,600	2,285,600	1,190,000	4.00%	608,800	1,798,800							6,495,150
2027	2028	2,409,450	2,100,000	4.00%	190,000	2,290,000	1,235,000	4.00%	561,200	1,796,200							6,495,650
2028	2029	2,406,650	2,185,000	4.00%	106,000	2,291,000	1,290,000	4.00%	511,800	1,801,800							6,499,450
2029	2030	2,407,350	465,000	4.00%	18,600	483,600	1,895,000	4.00%	460,200	2,355,200	575,000	4.00%	676,667	1,251,667			6,497,817
2030	2031	2,406,400			0	0	2,205,000	4.00%	384,400	2,589,400	715,000	4.00%	789,000	1,504,000			6,499,800
2031	2032	2,408,800			0	0	2,290,000	4.00%	296,200	2,586,200	740,000	4.00%	760,400	1,500,400			6,495,400
2032	2033	2,409,600			0	0	2,385,000	4.00%	204,600	2,589,600	765,000	4.00%	730,800	1,495,800			6,495,000
2033	2034	2,407,200			0	0	1,980,000	4.00%	109,200	2,089,200	1,300,000	4.00%	700,200	2,000,200			6,496,600
2034	2035	2,406,600			0	0	750,000	4.00%	30,000	780,000	2,665,000	4.00%	648,200	3,313,200			6,499,800
2035	2036	2,407,600			0	0					3,550,000	4.00%	541,600	4,091,600			6,499,200
2036	2037				0	0					6,100,000	4.00%	399,600	6,499,600			6,499,600
2037	2038				0	0					3,890,000	4.00%	155,600	4,045,600			4,045,600
2038	2039				0	0											0
2039	2040				0	0											0
<b>Total</b>		<b>\$58,785,050</b>	<b>\$12,145,000</b>		<b>\$3,066,997</b>	<b>\$15,211,997</b>	<b>\$17,040,000</b>		<b>\$4,445,800</b>	<b>\$21,485,800</b>	<b>\$20,300,000</b>		<b>\$5,402,067</b>	<b>\$25,702,067</b>			<b>\$121,184,914</b>

Notes: (1) Assumes an estimated current interest rates +.15% for 2020 and 4% for 2025 and 2030. Subject to change.

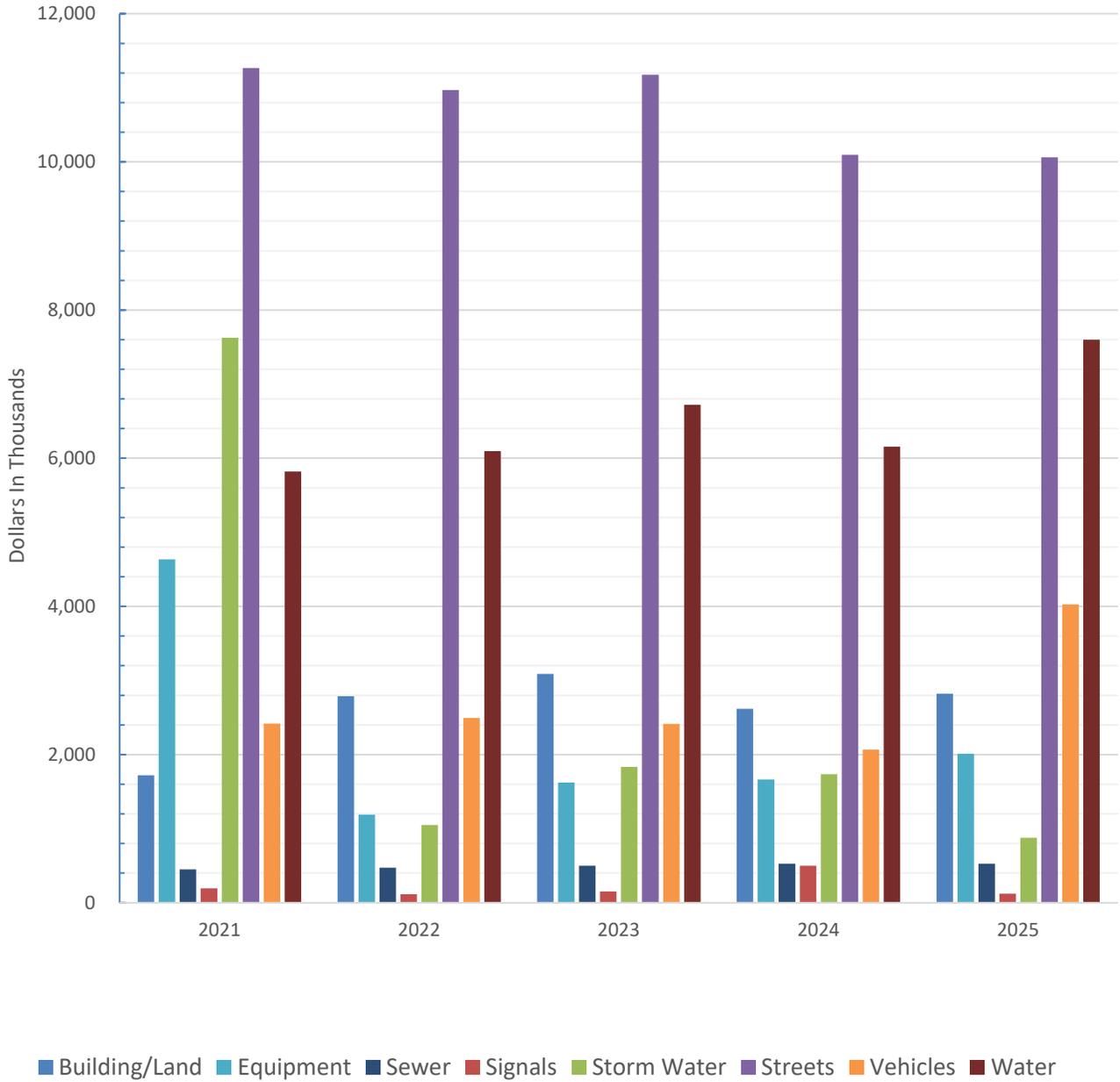
# WHERE THE MONEY GOES CAPITAL EXPENDITURES BY TYPE Fiscal Year 2021



CATEGORY	2021 PROPOSED	
	CIP	%
Buildings & Land	\$1,721.5	5.0%
Equipment	4,632.9	13.6%
Sewer	450.0	1.3%
Signals	194.5	0.6%
Storm Water	7,626.6	22.3%
Streets	11,266.8	33.0%
Vehicles	2,416.4	7.1%
Water	5,820.0	17.1%
<b>Total</b>	<b>\$34,128.7</b>	<b>100.0%</b>

(Shown in Thousands)

## Village of Arlington Heights 2021-2025 Capital Improvement Program SUMMARY BY TYPE



**Village of Arlington Heights  
2021-2025 CAPITAL IMPROVEMENT PROGRAM  
By Type and Project Name  
(shown in thousands)**

Project Name	Project #	Total 2021	Total 2022	Total 2023	Total 2024	Total 2025	Total Project
<b>Building/Land</b>							
Overhead Door Replacement/Repair	BL-90-04	30.0	30.0	30.0	45.0	40.0	175.0
Public Works Annex Improvements	BL-93-02	30.0	43.0	29.0	29.0	360.0	491.0
Building Equipment Replacement	BL-95-04	30.0	27.9	77.5	23.0	30.0	188.4
Municipal Buildings Refurbishing	BL-95-05	97.0	271.4	178.2	40.0	30.0	616.6
Roof Maintenance Program	BL-95-06	-	-	515.0	1,200.0	985.0	2,700.0
Heating Plant/Air Conditioner Replacement	BL-96-01	65.0	240.0	-	-	85.0	390.0
Ongoing Maintenance to Brick Exteriors	BL-96-03	35.0	165.0	35.0	35.0	45.0	315.0
Historical Society Museum - Building Repairs	BL-96-04	50.5	25.0	25.0	45.0	45.0	190.5
Parking Structure Maintenance/Repairs	BL-00-06	-	375.0	1,150.5	200.0	200.0	1,925.5
TIF IV Redevelopment	BL-16-05	500.0	500.0	500.0	500.0	500.0	2,500.0
Metropolis Theater - Replace Flooring MPAC	BL-17-06	36.0	-	-	-	-	36.0
Hickory Kensington TIF District Redevelopment	BL-18-01	800.0	500.0	500.0	500.0	500.0	2,800.0
LED Parking Garage Lighting Conversions	BL-19-03	48.0	48.0	48.0	-	-	144.0
Seized Vehicle & Long-Term Bulk Evidence Storage Structure	BL-21-01	-	362.3	-	-	-	362.3
Municipal Parking Lot Improvements	BL-21-02	-	200.0	-	-	-	200.0
		<b>1,721.5</b>	<b>2,787.6</b>	<b>3,088.2</b>	<b>2,617.0</b>	<b>2,820.0</b>	<b>13,034.3</b>
<b>Equipment</b>							
Operational Equipment - Public Works	EQ-94-01	196.7	146.4	162.0	538.7	267.0	1,310.8
Operational Equipment - Police Department	EQ-95-01	146.0	146.0	73.0	134.0	168.8	667.8
Operational Equipment - Fire Department	EQ-95-02	170.5	157.5	147.5	260.6	762.2	1,498.3
Office Equipment	EQ-95-03	90.0	50.0	60.0	50.0	45.0	295.0
Operational Equipment - Municipal Fleet Services	EQ-97-01	78.2	38.2	3.5	61.0	91.0	271.9
IT Equipment Replacement	EQ-97-08	241.8	241.8	241.8	241.8	241.8	1,209.0
Emergency Generator Upgrades and Replacement	EQ-99-02	922.4	-	521.9	-	-	1,444.3
Operational Equipment - Information Technology	EQ-01-03	126.5	126.5	141.5	126.5	126.5	647.5
Metropolis Theater Capital Equipment	EQ-06-03	39.0	40.0	41.0	42.0	43.0	205.0
Patrol Vehicle Equipment Replacement Program	EQ-08-03	41.5	39.0	27.0	39.0	42.0	188.5
Operational Equipment - Municipal Parking Fund	EQ-09-01	10.0	10.0	10.0	10.0	10.0	50.0
SCADA Enhancements	EQ-15-25	61.5	63.3	65.2	30.0	75.0	295.0
Pumps & Motor Controls Rehab and Replacement	EQ-15-30	106.0	64.6	94.6	90.0	100.0	455.2
Metropolis Theater LED Series 2	EQ-17-11	-	32.5	-	-	-	32.5
Lighting Fixtures in Theater	EQ-18-03	-	-	35.0	-	-	35.0
Wireless Microphones	EQ-18-05	-	14.0	-	-	-	14.0
Stage Light Control Systems - Dimmer Rack	EQ-19-03	-	-	-	40.0	40.0	80.0
Village ERP Software Replacement	EQ-19-04	2,000.0	-	-	-	-	2,000.0
Metropolis Theater - Wireless Headsets/Base	EQ-21-03	-	20.0	-	-	-	20.0
Phone System Upgrade	EQ-21-01	175.0	-	-	-	-	175.0
A/V System Upgrades	EQ-21-02	227.8	-	-	-	-	227.8
		<b>4,632.9</b>	<b>1,189.8</b>	<b>1,624.0</b>	<b>1,663.6</b>	<b>2,012.3</b>	<b>11,122.6</b>
<b>Sewer</b>							
Sewer Rehab/Replacement Program	SW-90-01	450.0	475.0	475.0	475.0	475.0	2,350.0
Backyard Drainage Improvements	SW-11-02	400.0	300.0	-	300.0	300.0	1,300.0
Storm Sewer Rehab/Replacement Program	SW-15-20	500.0	500.0	500.0	500.0	500.0	2,500.0
Greenbriar/ Roanoke/ Wilke	SW-18-03	3,191.6	-	-	-	-	3,191.6
Enhanced Overhead Sewer Program	SW-18-01	250.0	250.0	135.0	135.0	75.0	845.0
Manhole Rehabilitation	SW-20-04	-	-	25.0	50.0	50.0	125.0
Area C/NW Burr Oak Burning Tree & C/SE Berkley/Hintz	SW-20-01	3,285.0	-	-	-	-	3,285.0
St. Ponding Area - Race Ave & Chicago Ave	SW-20-03	-	-	-	800.0	-	800.0
Area F - Forrest Ave Stormwater Improvements	SW-21-01	-	-	1,200.0	-	-	1,200.0
		<b>8,076.6</b>	<b>1,525.0</b>	<b>2,335.0</b>	<b>2,260.0</b>	<b>1,400.0</b>	<b>15,596.6</b>
<b>Signals</b>							
Traffic Signal Maintenance	SG-03-02	114.5	116.8	119.1	121.4	123.7	595.5
Algonquin Rd. and New Wilke Rd intersection Improvement	SG-17-01	80.0	-	35.0	380.0	-	495.0
		<b>194.5</b>	<b>116.8</b>	<b>154.1</b>	<b>501.4</b>	<b>123.7</b>	<b>1,090.5</b>

Village of Arlington Heights  
**2021-2025 CAPITAL IMPROVEMENT PROGRAM**  
**By Type and Project Name**  
 (shown in thousands)

Project Name	Project #	Total 2021	Total 2022	Total 2023	Total 2024	Total 2025	Total Project
<b>Streets</b>							
Street Program	ST-90-08	6,200.0	6,200.0	6,300.0	6,400.0	6,500.0	31,600.0
Street Rehabilitation Program	ST-90-09	2,400.0	2,400.0	2,400.0	2,400.0	2,400.0	12,000.0
Sidewalk & Curb Replacement	ST-90-11	405.0	415.0	425.0	435.0	445.0	2,125.0
Pavement Crack Sealing Program	ST-92-01	200.0	200.0	200.0	200.0	200.0	1,000.0
Street Light Cable Replacement	ST-00-01	10.0	10.0	10.0	20.0	20.0	70.0
Paver Brick Maintenance	ST-05-01	412.0	400.0	100.0	100.0	100.0	1,112.0
Downtown Street Furniture	ST-14-01	10.0	10.0	10.0	10.0	10.0	50.0
Downtown Streetscape Improvements	ST-15-35	200.0	110.0	-	-	-	310.0
Northwest Highway (Rt. 14) Corridor Landscaping Improvements	ST-16-20	101.0	75.0	77.0	-	-	253.0
Surface Treatment - Streets	ST-18-02	150.0	300.0	300.0	300.0	300.0	1,350.0
Kensington Road & Multi-Use Path Improvements	ST-18-01	300.0	-	-	-	-	300.0
Rand Road Corridor Identification Enhancement	ST-17-20	562.0	383.7	255.0	144.8	-	1,345.5
Downtown Outdoor Living Room	ST-17-25	-	20.0	-	-	-	20.0
Green Corridor Beautification	ST-99-03	-	160.0	-	-	-	160.0
LED Street Lighting Conversions	ST-19-01	64.0	64.0	64.0	64.0	64.0	320.0
Bike Plan/Bike Route Pavement Marking	ST-19-04	20.0	20.0	20.0	20.0	20.0	100.0
South Arlington Heights Road Corridor	ST-19-03	55.8	-	-	-	-	55.8
Windsor Drive Road Diet	ST-21-01	50.0	-	-	-	-	50.0
Weber Dr/Old Wilke Rd Street Reconstruction	ST-21-02	52.0	32.0	160.0	-	-	244.0
Wilke Road Resurfacing & Multi-Use Path Extension	ST-21-03	75.0	170.0	855.0	-	-	1,100.0
		<b>11,266.8</b>	<b>10,969.7</b>	<b>11,176.0</b>	<b>10,093.8</b>	<b>10,059.0</b>	<b>53,565.3</b>
<b>Vehicles</b>							
Vehicle Replacement - Planning	VH-95-12	-	-	-	25.5	-	25.5
Vehicle and Special Equipment Replacement - Public Works	VH-95-01	1,565.6	713.4	836.0	344.1	923.1	4,382.2
Vehicle and Special Equipment Replacement - Water & Sewer	VH-95-02	-	275.3	-	460.9	1,367.9	2,104.1
Vehicle Replacement - Police Department	VH-95-03	273.2	283.6	210.3	526.8	353.1	1,647.0
Vehicle Replacement - Fire Department	VH-95-04	504.6	1,179.2	1,367.0	710.5	1,215.6	4,976.9
Vehicle Replacement - Municipal Fleet Services	VH-95-06	48.0	-	-	-	-	48.0
Vehicle Replacement - Municipal Parking Operations	VH-95-08	-	-	-	-	67.0	67.0
Vehicle Replacement - Building & Health Services Department	VH-95-10	25.0	42.3	-	-	99.3	166.6
		<b>2,416.4</b>	<b>2,493.8</b>	<b>2,413.3</b>	<b>2,067.8</b>	<b>4,026.0</b>	<b>13,417.3</b>
<b>Water</b>							
Watermain Replacement Program	WA-90-01	4,000.0	4,100.0	4,200.0	4,300.0	4,400.0	21,000.0
Residential Meter & AMR System Replacement	WA-03-02	-	1,037.3	1,050.0	1,050.0	1,050.0	4,187.3
Water Tank Repainting	WA-11-01	1,820.0	660.0	1,155.0	490.0	1,850.0	5,975.0
Deep Well Rehabilitation	WA-11-02	-	-	15.0	15.0	-	30.0
Commercial Meter Replacements	WA-20-01	-	300.0	300.0	300.0	300.0	1,200.0
		<b>5,820.0</b>	<b>6,097.3</b>	<b>6,720.0</b>	<b>6,155.0</b>	<b>7,600.0</b>	<b>32,392.3</b>
		<b>34,128.7</b>	<b>25,180.0</b>	<b>27,510.6</b>	<b>25,358.6</b>	<b>28,041.0</b>	<b>140,218.9</b>

**Village of Arlington Heights**  
**2021-2025 CAPITAL IMPROVEMENT PROGRAM**  
**SUMMARY BY YEAR**  
(in thousands)

CAPITAL SPENDING	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	PROP	PROP	PROP	PROP	PROP	TOTAL
	2016	2017	2018	2019	ACTUAL	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2021-2025
BUILDINGS & LAND	1,635.8	9,336.8	22,628.2	1,099.2	1,935.8	<b>1,721.5</b>	2,787.6	3,088.2	2,617.0	2,820.0	<b>13,034.3</b>
EQUIPMENT	1,249.7	1,877.6	3,172.1	1,834.2	2,746.4	<b>4,632.9</b>	1,189.8	1,624.0	1,663.6	2,012.3	<b>11,122.6</b>
SEWER	869.6	655.4	390.2	370.9	425.0	<b>450.0</b>	475.0	500.0	525.0	525.0	<b>2,475.0</b>
SIGNALS	778.9	384.0	102.9	118.7	648.0	<b>194.5</b>	116.8	154.1	501.4	123.7	<b>1,090.5</b>
STORM WATER CONTROL	518.1	1,387.8	1,442.1	8,252.8	4,295.1	<b>7,626.6</b>	1,050.0	1,835.0	1,735.0	875.0	<b>13,121.6</b>
STREETS	9,867.8	7,842.0	8,198.5	9,075.3	7,431.9	<b>11,266.8</b>	10,969.7	11,176.0	10,093.8	10,059.0	<b>53,565.3</b>
VEHICLES	520.5	2,008.0	1,211.8	1,410.1	3,378.1	<b>2,416.4</b>	2,493.8	2,413.3	2,067.8	4,026.0	<b>13,417.3</b>
WATER	2,481.0	2,761.3	2,028.7	4,880.1	5,967.6	<b>5,820.0</b>	6,097.3	6,720.0	6,155.0	7,600.0	<b>32,392.3</b>
<b>TOTAL CAPITAL SPENDING</b>	<b>17,921.4</b>	<b>26,252.9</b>	<b>39,174.4</b>	<b>27,041.3</b>	<b>26,827.9</b>	<b>34,128.7</b>	<b>25,180.0</b>	<b>27,510.6</b>	<b>25,358.6</b>	<b>28,041.0</b>	<b>140,218.9</b>

CAPITAL FUNDING	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	PROP	PROP	PROP	PROP	PROP	TOTAL
	2016	2017	2018	2019	ACTUAL	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	2021-2025
Capital Projects Fund	6,675.7	7,480.4	7,093.7	8,637.2	6,682.5	<b>9,818.0</b>	9,378.8	10,073.4	9,683.8	9,603.2	<b>48,557.2</b>
Motor Fuel Tax Fund	4,116.6	1,535.4	1,978.4	1,874.0	2,513.2	<b>2,514.5</b>	2,516.8	2,519.1	2,521.4	2,523.7	<b>12,595.5</b>
Storm Water Control Fund	894.5	1,624.9	1,442.1	8,252.8	4,295.1	<b>7,626.6</b>	1,050.0	1,835.0	1,735.0	875.0	<b>13,121.6</b>
Water & Sewer Fund	3,315.2	4,031.7	2,760.4	5,957.3	7,707.1	<b>7,551.9</b>	6,852.2	8,057.7	7,586.0	9,326.5	<b>39,374.3</b>
Municipal Parking Operations Fund	559.8	786.0	144.1	370.4	687.5	<b>63.0</b>	638.0	1,213.5	215.0	215.0	<b>2,344.5</b>
Emerald Ash Borer (EAB) Fund	789.3	467.1	0.0	0.0	0.0	<b>0.0</b>	0.0	0.0	0.0	0.0	<b>0.0</b>
Public Buildings Fund	457.8	8,037.5	23,856.4	83.1	60.0	<b>0.0</b>	0.0	0.0	0.0	0.0	<b>0.0</b>
Fleet Operations Fund	520.5	2,008.0	1,211.8	1,410.1	3,378.1	<b>2,469.4</b>	2,493.8	2,413.3	2,067.8	4,026.0	<b>13,470.3</b>
Arts, Entertainment & Events Fund	105.8	122.5	93.9	156.0	42.3	<b>75.0</b>	106.5	76.0	82.0	83.0	<b>422.5</b>
Technology Fund	220.6	154.2	201.8	168.9	841.8	<b>2,241.8</b>	241.8	241.8	241.8	241.8	<b>3,209.0</b>
TIF IV Fund 263	265.6	3.0	1.3	0.0	525.0	<b>500.0</b>	660.0	500.0	500.0	500.0	<b>2,660.0</b>
TIF V Fund 264	0.0	2.2	1.8	12.8	11.2	<b>332.0</b>	243.3	28.8	101.8	0.0	<b>705.9</b>
TIF HK Fund 266	0.0	0.0	0.0	0.0	0.0	<b>800.0</b>	500.0	500.0	500.0	500.0	<b>2,800.0</b>
Criminal Investigations Fund	0.0	0.0	388.7	118.7	84.1	<b>111.5</b>	473.8	27.0	99.0	121.8	<b>833.1</b>
Foreign Fire Insurance Tax Fund	0.0	0.0	0.0	0.0	0.0	<b>25.0</b>	25.0	25.0	25.0	25.0	<b>125.0</b>
<b>TOTAL CAPITAL FUNDING</b>	<b>17,921.4</b>	<b>26,252.9</b>	<b>39,174.4</b>	<b>27,041.3</b>	<b>26,827.9</b>	<b>34,128.7</b>	<b>25,180.0</b>	<b>27,510.6</b>	<b>25,358.6</b>	<b>28,041.0</b>	<b>140,218.9</b>