



VILLAGE OF ARLINGTON HEIGHTS

2019 - 2023 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, 2018



VILLAGE OF ARLINGTON HEIGHTS 2019 - 2023 Capital Improvement Program

June 2018

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Randall R. Recklaus, Village Manager

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Mary Ellen Juarez	Assistant Finance Director
Randall Recklaus	Village Manager
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Cris Papierniak	Assistant Director of Public Works
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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
Ken Koeppen	Fire Chief
Pete Ahlman	Deputy Fire Chief
Andrew Larson	Deputy Fire Chief
Gerald Mourning	Chief of Police
Nick Pecora	Police Captain
Mem Teolis	Police Fiscal Clerk
Kevin Baumgartner	Budget Coordinator

VILLAGE OF ARLINGTON HEIGHTS 2019-2023 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 2019-2023 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 2019 through 2023 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 bi-annual 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.

2019-2023 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 2018, some of the other key CIP improvements included the following:

- The final year of a multi-year \$2.5 million project to refurbish the Village's four municipal parking garages, which will return these structures to their original integrity with a service life of 40 to 50 years.
- Completion of a new 70,500 square foot Police Station, replacing the 38,000 square foot building constructed in 1978.
- Initiated a five-year plan to fund extraordinary Storm Water Control projects identified in the Village's recent flood studies. Funding for these projects will be provided through a \$10 million Village bond issue sold in 2018, with the principal and interest on this bond issue being paid by storm water control fees.

Challenges for 2019 and beyond, which are outlined in more detail in the summary by fund section, include:

- The development of a multi-year plan to attain an average annual water main replacement schedule of \$4.0 million per year. The average age of the Village's water mains is currently 66 years, but to maintain the water main replacement schedule at an annual level of \$4.0 million level will require water mains with an average age of 60 years. This plan will include an estimate of the additional costs required to reach the targeted average replacement age. The Village currently spends \$2 million per year on water main replacement (up from \$400,000 in 2015), with a goal of reaching \$4.0 million by 2024.
- Modernize the Village's ERP software system by initiating a multi-year plan to replace the current system which has been used and updated since 1996. Funding for this project is available in the Technology Fund.
- In 2019, the Village will have an opportunity to manage its debt service level as additional bonds will mature. At this time, the Village will have to decide whether to reinvest the retiring debt toward needed infrastructure improvements, or toward maintaining Village operations.

This decision will likely be influenced by how the economy is performing in 2019. In addition, the State of Illinois' ongoing budget difficulties is also having a clear effect on the Village's ability to provide

reliable projections for its long-term operations and capital planning processes.

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.

Capital Projects Priority List

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 36% of the proposed 2019 capital budget expenditures designated for these programs.

At the end of 2018 the Public Building Fund will be closed, as the Village finalizes construction of the new Police Building in the fall of 2018. As of the end of 2018 it is currently estimated that the remaining Public Building fund balance will be approximately \$1.3 million. Staff recommends that \$800,000 of this balance be transferred to the Capital Projects Fund to ensure that this fund maintains adequate reserves for the next five years. It is recommended further that a decision on the remaining balance be held off until the 2019 Budget discussions.

Exhibits A, B and C provide CIP summary information and demonstrate the Village's focus on street projects. **Exhibit A** shows a pie chart broken down by expenditure type for 2019. **Exhibit B** is a multi-year bar chart of the 2019-2023 CIP by type of project. **Exhibit C** presents detailed information on the 2019-2023 CIP by type and by project name. **Exhibit D** is a multi-year presentation of CIP expenditures summarizing actual and projected expenditures from 2014 through 2023.

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. Occasional transfers-in from other funds augment this fund's revenue stream.

Over the last two years 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. As identified through a recent 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 FY2015 through 2023.

The Capital Projects Fund also includes ramping up the annual budget amount for the pavement crack sealing program from \$125,000 per year in 2017 to \$200,000 per year starting in 2019. This program is being increased due to the Village resurfacing and reconstructing more streets which require subsequent maintenance. The annual sidewalk program, with a 2019 budget of \$385,000, provides for the replacement of damaged and deteriorated public sidewalks and curbs. This program is also coordinated with the street resurfacing and rehabilitation program.

From 2018 - 2021 the Paver Brick Maintenance Program includes additional funds to update the pedestrian ways and eliminate trip hazards. The cost of this augmented program is budgeted at \$412,000 per year through 2021, and \$75,000 per year thereafter to maintain the Downtown sidewalks.

The Northwest Highway Corridor plan which started in 2017 and continues through 2022 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 \$457,600. Funds are not budgeted in 2019 in order to get on track with the fall bid and spring install cycle. 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 Rand Road Corridor Identification program is a five-year program that started in 2017 and is currently budgeted at a total cost of \$1.168 million,

with \$605,000 coming from the Capital Projects Fund and \$563,500 from the TIF V Fund. The goal of this 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 first phase of the Rand Road Corridor improvements have entailed initial preliminary design. Funds have been rebudgeted, and this project is currently under Illinois Department of Transportation (IDOT) review.

The cost of both the Rand Road and Northwest Highway corridor projects are being covered by the 2017 transfer from the EAB Fund to the Capital Projects Fund. Additional funding for the Rand Road Corridor will come from TIF V. 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 2019-2023 Capital Projects Fund budget includes the first 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 has been 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.

Additional street rehabilitation work can be programmed from year to year, but the cost of this additional work would be covered in the Capital Projects Fund.

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 four 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, 211 homeowners have participated, and 15 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.

A lack of adequate storm drainage in the Cypress Street area inhibits development and can result in street and surface flooding problems, threatening private residences in the area. These improvements will include an expansion of the Cypress Detention Basin and related storm sewers at a total cost of \$5.8 million over three years. The Village also plans on coordinating the replacement of water mains and the completion of roadway improvements in this area during the 2020 construction phase of the project.

During 2018, engineering for the Area 4 – Street Ponding Campbell/Sigwalt project will be completed, and construction is slated for 2019. This \$2.1 million project will address deficiencies in the existing combined sewer system in the Downtown area through the installation of larger combined sewer mains.

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

The Water & Sewer Fund – Water & Sewer Fund revenues have been increased over the last four years per the five-year water and sewer rate adjustment plan approved by the Village Board in September 2014. 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. Under this plan the Village will increase by six times the amount spent on the water main replacement program by ramping it up from \$400,000 per year to \$2.5 million per year by 2020. Longer term plans anticipate that water main replacement program costs will continue to increase up to an annual \$4.0

million commitment by 2024. Once we reach this funding level we will be at the industry standard of replacing 1% of our water mains each year. Other key Water & Sewer Fund CIP projects include the Sanitary Sewer Replacement, Water Tank Painting, and Automatic Meter Reading programs.

Reaching the \$4.0 million annual replacement level would provide 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. Over the next year, staff will calculate the amount and cost of water main replacements needed to be done in order to catch-up to an average water main age of 60 years. This information will then be incorporated into next scheduled water rate study in 2019.

As was noted last year, the fund's working cash balance has decreased over the last three years due to wetter spring/summer weather. This has resulted in decreased water usage and lower water and sewer revenues than budgeted. In addition, there are more efficient plumbing systems installed in residential and commercial properties, and a greater awareness by the public of water conservation methods. Some larger, commercial water meters are also being checked and replaced as needed, to ensure that water usage is recorded accurately.

As of December 31, 2017 the Water & Sewer Fund's working cash balance had decreased to 18%, whereas the 2014 five-year water rate projections estimated that we would have a 21% cash balance as of this date. This past year staff adjusted the timing of some of the water capital projects to reflect the decrease in gallons sold and the slower increase in projected water and sewer revenues. Additional adjustments may be needed for the final 2019 budget in order to preserve sufficient reserves. To be more conservative, the Village is using a total projected gallon sold figure for budget purposes that falls between the average water usage for the last thirteen years and the recent water usage level over the last couple of years.

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, after completing the rehabilitation work on the Village's four public parking garages during 2018, it will return 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 2019 includes pedestrian and ADA compliance work that will be completed in the North Garage.

The proposed 2019 CIP budget also includes the installation of LED lights in the public parking garages over the next five years. Staff believes these fixtures will provide a longer service life and lower long-term maintenance costs.

In June 2017 the Village Board approved parking fee increases that were effective as of the October – December 2017 parking fee sales. This increase was required to address an imbalance between Parking Fund revenues and expenses.

The Public Building Fund – The Village chose Legat Architects and Riley Construction Management as its partners to complete the construction of a new 70,500 square foot Police Station. This state-of-the-art facility will replace the old 38,000 square foot Police facility built in 1978. The Village financed the cost of the new Police Station within our existing debt service level by reinvesting scheduled debt service payment reductions in the 2016 Police Station bond issue.

As of the end of 2018 it is planned that the Village will close the Public Building Fund after the Village Board decides where to transfer the remaining balance in this fund. As mentioned earlier, a transfer of a portion of the projected balance, or \$800,000 to the Capital Projects Fund is recommended, in order to preserve adequate reserves in that fund over the next five years.

Other Funds include the Criminal Investigations TIF IV, TIF V, TIF Hickory/Kensington, EAB, Arts Entertainment & Events, and Technology Funds. These funds have sufficient cash balances to cover the proposed capital improvements. Of note, the **Technology Fund** includes initial funds for hiring a consultant to perform research and help Village staff determine a viable replacement for the Village's current ERP software which is over 20 years old. As the Village becomes more web friendly there have been issues with compatibility with the old system. A new ERP system will be more user friendly, provide greater user support, and offer better functionality. This is expected to be a multi-year project that will effect each department to a certain extent. The Technology Fund has available reserves that have been maintained over the years to fund this project.

ORGANIZATION OF THE CIP PLAN

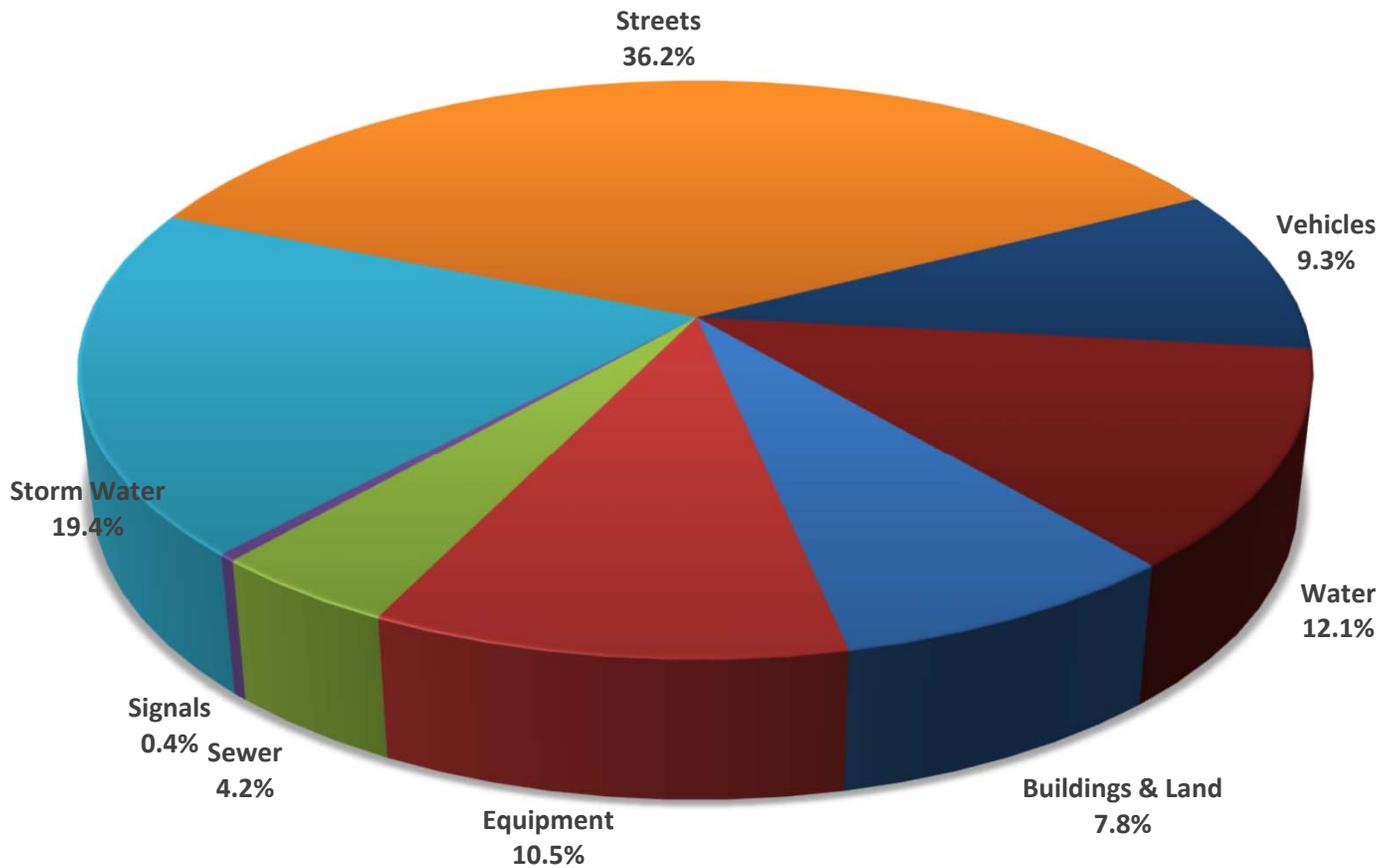
To provide a clear sense of available resources and proposed capital projects, the sections that follow are divided by fund. A narrative summary of each fund's key projects and issues is provided at the beginning of each fund section. As mentioned earlier, multi-year presentations of each fund's revenues and expenditures are included, as well as project request sheets for each 2019 through 2023 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 2019 in the amount of \$28,469,200 be accepted. This is the first year of the five-year \$119.6 million Capital Improvement Program.

WHERE THE MONEY GOES

CAPITAL EXPENDITURES BY TYPE

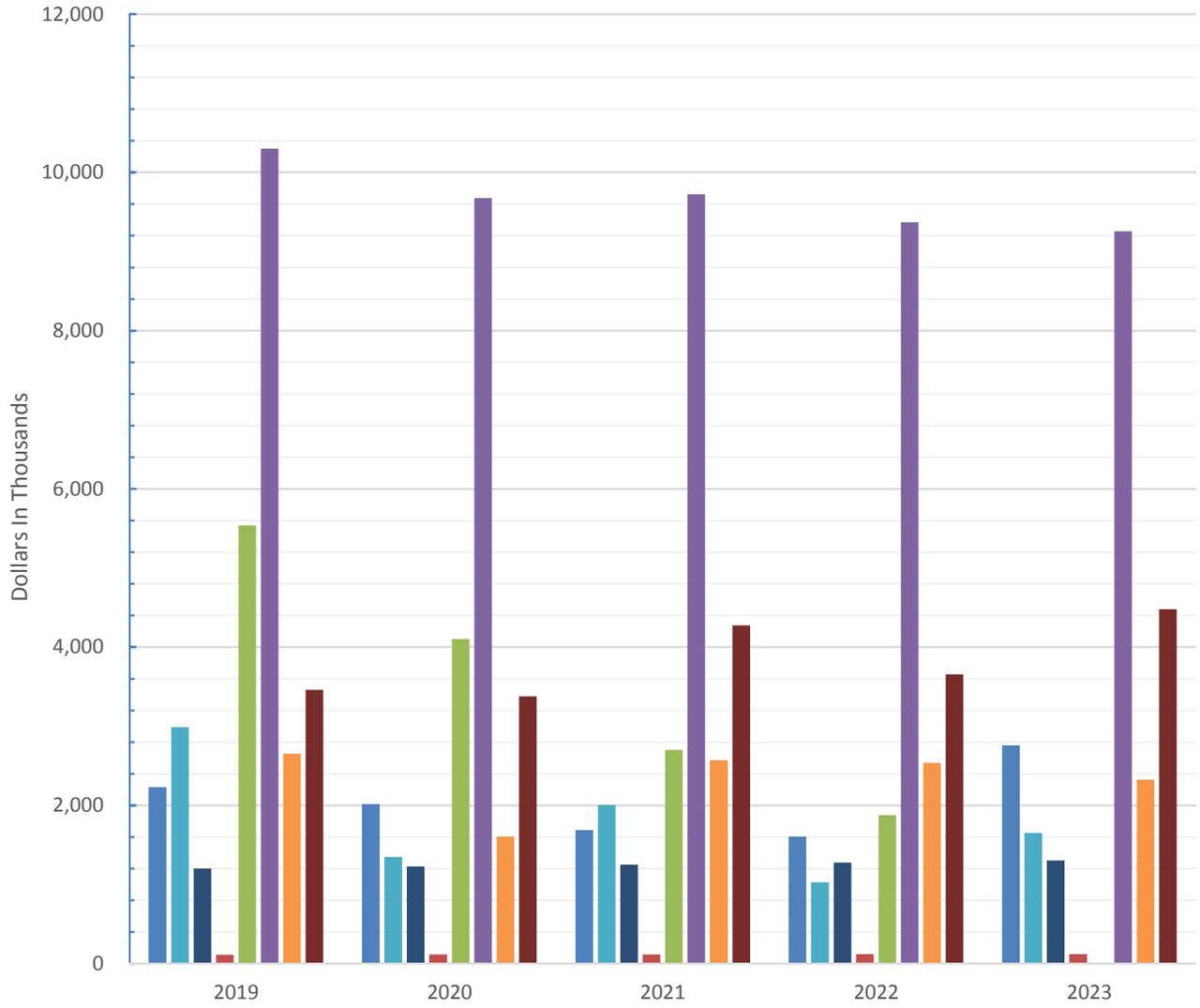
Fiscal Year 2019



CATEGORY	2019 PROPOSED	
	CIP	%
Buildings & Land	\$2,228.8	7.8%
Equipment	2,987.8	10.5%
Sewer	1,200.0	4.2%
Signals	109.9	0.4%
Storm Water	5,535.0	19.4%
Streets	10,300.0	36.2%
Vehicles	2,650.8	9.3%
Water	3,456.9	12.1%
Total	\$28,469.2	100.0%

(Shown in Thousands)

Village of Arlington Heights 2019-2023 Capital Improvement Program SUMMARY BY TYPE



■ Building/Land ■ Equipment ■ Sewer ■ Signals ■ Storm Water ■ Streets ■ Vehicles ■ Water

Village of Arlington Heights
2019-2023 CAPITAL IMPROVEMENT PROGRAM
By Type and Project Name
 (shown in thousands)

Project Name	Project #	Total 2019	Total 2020	Total 2021	Total 2022	Total 2023	Total Project
Building/Land							
Overhead Door Replacement/Repair	BL-90-04	20.0	30.0	20.0	20.0	20.0	110.0
Public Works Annex Improvements	BL-93-02	30.0	30.0	30.0	43.0	10.0	143.0
Building Equipment Replacement	BL-95-04	68.0	41.3	30.0	27.9	77.5	244.7
Municipal Buildings Refurbishing	BL-95-05	102.0	40.0	73.0	271.4	178.2	664.6
Roof Maintenance Program	BL-95-06	403.0	494.5	342.5	0.0	65.0	1,305.0
Heating Plant/Air Conditioner Replacement	BL-96-01	92.0	23.0	42.0	43.0	130.0	330.0
Ongoing Maintenance to Brick Exteriors	BL-96-03	35.0	45.0	35.0	35.0	35.0	185.0
Historical Society Museum - Building Repairs	BL-96-04	50.0	50.0	50.5	25.0	25.0	200.5
Parking Structure Maintenance/Repairs	BL-00-06	15.0	137.0	0.0	75.0	1,150.5	1,377.5
Metropolis Theater Triangle Rooms & Halls Refurbish	BL-17-01	7.0	0.0	0.0	0.0	0.0	7.0
TIF IV Redevelopment	BL-16-05	500.0	500.0	500.0	500.0	500.0	2,500.0
Metropolis Theater Dance Studio Floor	BL-17-05	0.0	18.0	0.0	0.0	0.0	18.0
Metropolis Theater - Replace Flooring MPAC	BL-17-06	0.0	40.0	0.0	0.0	0.0	40.0
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	48.0	48.0	240.0
IRMA Compliance Upgrades	BL-19-02	39.8	16.4	16.4	16.4	16.4	105.4
LED Village Hall Clock Tower Lighting	BL-19-01	19.0	0.0	0.0	0.0	0.0	19.0
		2,228.8	2,013.2	1,687.4	1,604.7	2,755.6	10,289.7
Equipment							
Operational Equipment - Public Works	EQ-94-01	319.0	217.3	191.7	141.4	172.0	1,041.4
Operational Equipment - Police Department	EQ-95-01	146.0	66.1	44.0	44.0	71.0	371.1
Operational Equipment - Fire Department	EQ-95-02	616.0	235.0	81.0	112.0	101.0	1,145.0
Office Equipment	EQ-95-03	65.5	118.0	45.0	60.0	70.0	358.5
Operational Equipment - Municipal Fleet Services	EQ-97-01	49.0	47.5	43.2	38.2	3.5	181.4
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	879.5	10.0	922.4	0.0	521.9	2,333.8
Operational Equipment - Information Technology	EQ-01-03	133.0	110.5	100.5	100.5	115.5	560.0
Operational Equipment - Engineering Department	EQ-01-04	5.0	5.0	5.0	5.0	5.0	25.0
Metropolis Theater Capital Equipment	EQ-06-03	37.0	38.0	39.0	40.0	0.0	154.0
Patrol Vehicle Equipment Replacement Program	EQ-08-03	75.0	45.0	25.0	35.0	35.0	215.0
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	58.0	60.0	61.5	63.3	65.2	308.0
Pumps & Motor Controls Rehab and Replacement	EQ-15-30	75.0	141.4	106.0	64.6	94.6	481.6
Metropolis Theater Moving Lights	EQ-17-07	7.0	0.0	0.0	0.0	0.0	7.0
Metropolis Theater Edison For Grid	EQ-17-08	11.0	0.0	0.0	0.0	0.0	11.0
Metropolis Theater Sound Console/ Board	EQ-17-09	35.0	0.0	0.0	0.0	0.0	35.0
Metropolis Theater Replace Smoke Detectors	EQ-17-10	25.0	0.0	0.0	0.0	0.0	25.0
Metropolis Theater LED Series 2	EQ-17-11	0.0	0.0	60.0	0.0	0.0	60.0
Lighting Fixtures in Theater	EQ-18-03	0.0	0.0	0.0	35.0	0.0	35.0
Wireless Microphones	EQ-18-05	0.0	0.0	0.0	14.0	0.0	14.0
Village ERP Software Replacement	EQ-19-04	200.0	0.0	0.0	0.0	0.0	200.0
Stage Light Control Systems - Dimmer Rack	EQ-19-03	0.0	0.0	0.0	0.0	100.0	100.0
Rear Projectors	EQ-19-02	0.0	0.0	0.0	20.0	0.0	20.0
Stage Curtails	EQ-19-01	0.0	0.0	26.0	0.0	0.0	26.0
		2,987.8	1,345.6	2,002.1	1,024.8	1,606.5	8,966.8
Sewer							
Sewer Rehab/Replacement Program	SW-90-01	400.0	425.0	450.0	475.0	500.0	2,250.0
Backyard Drainage Improvements	SW-11-02	300.0	300.0	300.0	300.0	300.0	1,500.0
Storm Sewer Rehab/Replacement Program	SW-15-20	500.0	500.0	500.0	500.0	500.0	2,500.0
		1,200.0	1,225.0	1,250.0	1,275.0	1,300.0	6,250.0
Signals							
Traffic Signal Maintenance	SG-03-02	109.9	112.1	114.5	116.8	119.1	572.4
		109.9	112.1	114.5	116.8	119.1	572.4

Village of Arlington Heights
2019-2023 CAPITAL IMPROVEMENT PROGRAM
By Type and Project Name
(shown in thousands)

Project Name	Project #	Total 2019	Total 2020	Total 2021	Total 2022	Total 2023	Total Project
Storm Water Control							
Cypress Detention Basin/Lift Station	SW-18-02	2,650.0	2,900.0	0.0	0.0	0.0	5,550.0
Enhanced Overhead Sewer Program	SW-18-01	800.0	800.0	800.0	375.0	0.0	2,775.0
Greenbriar / Roanoke / Wilke	SW-18-03	0.0	0.0	1,600.0	1,500.0	0.0	3,100.0
Campell / Sigwalt	SW-18-04	2,085.0	0.0	0.0	0.0	0.0	2,085.0
Orchard / Burton Drainage Improvements	SW-19-02	0.0	0.0	300.0	0.0	0.0	300.0
Evergreen / Maude Drainage Improvements	SW-19-01	0.0	400.0	0.0	0.0	0.0	400.0
		5,535.0	4,100.0	2,700.0	1,875.0	0.0	14,210.0
Streets							
Street Program	ST-90-08	6,100.0	6,200.0	6,300.0	6,400.0	6,500.0	31,500.0
Street Rehabilitation Program	ST-90-09	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0	9,000.0
Sidewalk & Curb Replacement	ST-90-11	385.0	395.0	405.0	415.0	425.0	2,025.0
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	10.0	10.0	50.0
Paver Brick Maintenance	ST-05-01	412.0	412.0	412.0	75.0	75.0	1,386.0
Downtown Street Furniture	ST-14-01	10.0	10.0	10.0	10.0	10.0	50.0
Downtown Streetscape Improvements	ST-15-35	205.0	200.0	0.0	0.0	0.0	405.0
Northwest Highway (Rt. 14) Corridor Landscaping Improvements	ST-16-20	0.0	101.0	75.0	77.0	0.0	253.0
Surface Treatment - Streets	ST-18-02	150.0	150.0	150.0	150.0	150.0	750.0
Rand Road Corridor Identification Enhancement	ST-17-20	594.0	111.1	277.6	144.8	0.0	1,127.5
Green Corridor Beautification	ST-99-03	150.0	0.0	0.0	0.0	0.0	150.0
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	200.0	0.0	0.0	0.0	0.0	200.0
		10,300.0	9,673.1	9,723.6	9,365.8	9,254.0	48,316.5
Vehicles							
Vehicle and Special Equipment Replacement - Public Works	VH-95-01	1,523.8	952.8	1,450.0	701.3	900.4	5,528.3
Vehicle and Special Equipment Replacement - Water & Sewer	VH-95-02	280.0	98.4	382.5	220.9	0.0	981.8
Vehicle Replacement - Police Department	VH-95-03	522.2	248.1	194.5	210.1	168.9	1,343.8
Vehicle Replacement - Fire Department	VH-95-04	324.8	40.0	470.6	1,371.6	1,253.7	3,460.7
Vehicle Replacement - Municipal Fleet Services	VH-95-06	0.0	52.0	48.0	0.0	0.0	100.0
Vehicle Replacement - Municipal Parking Operations	VH-95-08	0.0	109.0	0.0	0.0	0.0	109.0
Vehicle Replacement - Building & Health Services Department	VH-95-10	0.0	73.0	25.0	30.0	0.0	128.0
Metropolis Theater Van	VH-21-01	0.0	30.0	0.0	0.0	0.0	30.0
		2,650.8	1,603.3	2,570.6	2,533.9	2,323.0	11,681.6
Water							
Watermain Replacement Program	WA-90-01	2,000.0	2,500.0	2,500.0	3,000.0	3,500.0	13,500.0
Automatic Meter Reading System	WA-03-02	0.0	0.0	737.3	129.1	400.0	1,266.4
Water Tank Repainting	WA-11-01	1,456.9	875.0	1,036.4	525.0	563.0	4,456.3
Deep Well Rehabilitation	WA-11-02	0.0	0.0	0.0	0.0	15.0	15.0
		3,456.9	3,375.0	4,273.7	3,654.1	4,478.0	19,237.7
		28,469.2	23,447.3	24,321.9	21,450.1	21,836.2	119,524.7

Village of Arlington Heights
2019-2023 CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY YEAR
(in thousands)

CAPITAL SPENDING	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	PROP	PROP	PROP	PROP	PROP	TOTAL
	FY2014	FY2015	8 Mos. 2015	2016	2017	2018	BUDGET 2019	BUDGET 2020	BUDGET 2021	BUDGET 2022	BUDGET 2023	2019-2023
BUILDINGS & LAND	1,018.7	815.5	1,009.8	1,635.8	9,336.8	25,646.7	2,228.8	2,013.2	1,687.4	1,604.7	2,755.6	10,289.7
EQUIPMENT	940.7	834.5	833.8	1,249.7	1,877.6	4,050.7	2,987.8	1,345.6	2,002.1	1,024.8	1,647.5	9,007.8
SEWER	727.7	459.5	250.4	869.6	655.4	1,794.9	1,200.0	1,225.0	1,250.0	1,275.0	1,300.0	6,250.0
SIGNALS	188.8	244.2	255.7	778.9	384.0	554.5	109.9	112.1	114.5	116.8	119.1	572.4
STORM WATER CONTROL	41.6	310.3	10.7	518.1	1,387.8	1,734.9	5,535.0	4,100.0	2,700.0	1,875.0	0.0	14,210.0
STREETS	9,702.6	10,170.2	5,578.8	9,867.8	7,842.0	10,872.1	10,300.0	9,673.1	9,723.6	9,365.8	9,254.0	48,316.5
VEHICLES	2,442.3	1,872.5	1,325.2	520.5	2,008.0	2,610.5	2,650.8	1,603.3	2,570.6	2,533.9	2,323.0	11,681.6
WATER	544.1	643.4	679.9	2,481.0	2,761.3	2,214.0	3,456.9	3,375.0	4,273.7	3,654.1	4,478.0	19,237.7
TOTAL CAPITAL SPENDING	15,606.5	15,350.1	9,944.3	17,921.4	26,252.9	49,478.3	28,469.2	23,447.3	24,321.9	21,450.1	21,877.2	119,565.7

CAPITAL FUNDING	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ESTIMATED	PROP	PROP	PROP	PROP	PROP	TOTAL
	FY2014	FY2015	8 Mos. 2015	2016	2017	2018	BUDGET 2019	BUDGET 2020	BUDGET 2021	BUDGET 2022	BUDGET 2023	2019-2023
Capital Projects Fund	7,412.2	5,657.6	4,651.1	6,675.7	7,480.4	10,571.2	9,495.5	9,015.0	8,676.2	8,318.4	8,395.7	43,900.8
Motor Fuel Tax Fund	2,546.2	2,719.8	457.5	4,116.6	1,535.4	1,983.1	1,909.9	1,912.1	1,914.5	1,916.8	1,919.1	9,572.4
Storm Water Control Fund	450.1	468.6	29.9	894.5	1,624.9	3,154.7	6,335.0	4,900.0	3,500.0	2,675.0	800.0	18,210.0
Water & Sewer Fund	978.8	1,122.0	1,159.3	3,315.2	4,031.7	3,239.7	5,289.9	4,397.6	6,149.0	4,415.4	5,818.1	26,070.0
Municipal Parking Operations Fund	51.2	164.1	774.3	559.8	786.0	219.7	78.0	200.0	63.0	138.0	1,213.5	1,692.5
Emerald Ash Borer (EAB) Fund	957.5	2,762.7	1,341.9	789.3	467.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Public Buildings Fund	59.3	349.4	23.2	457.8	8,037.5	26,029.9	0.0	0.0	0.0	0.0	0.0	0.0
Fleet Operations Fund	2,442.3	1,872.5	1,325.2	520.5	2,008.0	2,610.5	2,759.8	1,591.8	2,623.6	2,533.9	2,323.0	11,832.1
Arts, Entertainment & Events Fund	0.0	25.3	30.7	105.8	122.5	146.8	122.0	126.0	125.0	109.0	141.0	623.0
Technology Fund	233.9	208.2	151.2	220.6	154.2	253.7	441.8	241.8	241.8	241.8	241.8	1,409.0
TIF IV Fund 263	475.0	0.0	0.0	265.6	3.0	0.0	650.0	500.0	500.0	500.0	500.0	2,650.0
TIF V Fund 264	0.0	0.0	0.0	0.0	2.2	24.0	355.0	53.9	28.8	101.8	0.0	539.5
TIF HK Fund 266	0.0	0.0	0.0	0.0	0.0	700.0	800.0	500.0	500.0	500.0	500.0	2,800.0
Criminal Investigations Fund	0.0	0.0	0.0	0.0	0.0	395.0	71.3	9.1	0.0	0.0	25.0	105.4
Foreign Fire Insurance Tax Fund	0.0	0.0	0.0	0.0	0.0	0.0	161.0	0.0	0.0	0.0	0.0	161.0
CDBG Fund	0.0	0.0	0.0	0.0	0.0	150.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL CAPITAL FUNDING	15,606.5	15,350.1	9,944.3	17,921.4	26,252.9	49,478.3	28,469.2	23,447.3	24,321.9	21,450.1	21,877.2	119,565.7