



**VILLAGE OF LINDENHURST
Finance Committee Meeting Agenda
Friday, February 2, 2024
10:00 a.m.**

- I. Call to Order
- II. Approval of Minutes of the Finance Committee Meeting of November 6, 2023
- III. New Business
 - A. Discussion and Recommendation: FY 2024-2025 Draft Capital Improvement Plan
- IV. Public Participation
- V. Adjournment

LINDENHURST FINANCE COMMITTEE
MEETING MINUTES
November 6, 2023
7:30 pm

CALL TO ORDER

Chairman Dunham called the meeting to order at 7:38 pm.

ROLL CALL

Present were Chairman Pat Dunham and Trustee Dawn Suchy. Trustee Pat Dickson was absent.

Also in attendance was Village Administrator Clay Johnson.

APPROVAL OF THE MINUTES

Minutes from the Finance Committee Meeting of February 23, 2023, were presented for approval.

Trustee Suchy made a motion, seconded by Trustee Dunham, to approve the minutes from the Finance Committee Meeting of February 23, 2023, as presented.

VOICE VOTE

Aye - 2

Nay - 0

Motion carried.

NEW BUSINESS

A. Discussion and Recommendation: 2023 Updated Draft Capital Improvement Plan

Each year the Village must adopt a property tax levy. The levy adopted in 2023 will result in property tax receipts for the Village in the year 2024 during FY 24/25.

Funds supported by the property tax levy and the financial forecast were reviewed. New construction in the Village contributed to an increase in the total Equalized Assessed Valuation (EAV). Scenarios were presented to exemplify the impact to the tax levy. Some questions were raised regarding the receipt of sales taxes during the current fiscal year and the overall impact to the General Fund. There was also additional context provided with regard to TIF Fund receipts expected for this year and the next. After discussion, it was consensus of the Finance Committee to recommend to the Village Board, a 3% property tax levy increase based upon the increase in Social Security payments in 2023, along with new property added for the next fiscal year.

Trustee Suchy made a motion, seconded by Trustee Dickson, to recommend to the Village Board, a 3% CPI property tax increase with new property added for FY 24/25.

VOICE VOTE

Aye - 2
Nay - 0

Motion carried.

PUBLIC PARTICIPATION

None

ADJOURNMENT

Trustee Suchy made a motion, seconded by Trustee Dickson, to adjourn the meeting.

VOICE VOTE

Aye - 2
Nay - 0

Motion carried.

The meeting was adjourned at 8:10 pm.

Date Approved _____

Patrick Dunham, Chairman

Melissa Forsberg, Village Clerk



DATE: January 28, 2024

TO: Chairman Dunham and Members of the Finance Committee

FROM: Clay T. Johnson, Village Administrator

RE: **FY 2024-2025 Draft Capital Improvement Plan**

Village staff spent a significant amount of time last fiscal year updating and reformatting the Capital Improvement Plan. The intent of the reformatting was to provide clearer information to Village leadership and residents regarding the investments the Village is making into major improvements and projects over a period of years. With the new format, residents can either see all the projects proposed in a single year or the how much funding a specific area may see over five years. For example, over the next five years, the Village proposes investing \$439,750 in lift station replacements and improvements.

The CIP is formatted in the same manner as it was last year, and all major categories remain the same. The most significant changes within the program are project specific, and those are noted where applicable. Projects that advanced within the program, meaning that they were pledged for out years and moved into the upcoming fiscal year window, are highlighted in **green**. Those projects that are proposed for addition into the 2024 Capital Improvement Program are highlighted in **blue**.

The purpose of this email is not to discuss each individual project – the narrative and justifications for those can be found within the CIP document itself. Instead, this memo is to discuss some of the broader aspects of the CIP including fiscal considerations.

Water/Sewer Capital Fund

Between American Rescue Plan Act Funds and tap-on fees for recent developments, the Water/Sewer Capital Fund probably has seen the greatest infusion of cash compared to all other funds over the past four years. This has allowed Public Works to program more replacements and improvements within the Village's CIP than previous years. Tap-on fees from the single-family homes built within the Briargate subdivision have buoyed the fund's prospects in recent years. Current projections include Briargate's construction of Phase 3, of which the real estate transaction was finalized earlier this month. FY 2025's revenues consider the construction of Heritage Park townhomes beginning in Spring 2024. Based on Lennar Homes' stated timeline, the remaining 100 units of the



development are expected to be constructed between 2024 and the spring of 2026. The exact timing of the construction is unknown, but for purposes of our forecasting for tap-on fees, the forecast ramps up the construction schedule, starting with 20 units in FY 25 with 40 units to follow in each of FY 26 and FY 27. An estimate of revenues derived from construction is included as an appendix to this memo.

Clearly, the addition of this development is a significant impact to the revenues of the fund, which will directly impact the number of projects the Village is able to complete. While not critical to complete the projects slated for FY 2025, the Heritage Park revenues are important to the feasibility of completing the projects in the latter years of the CIP. This can be seen on the Funding Summary section of the CIP.

Water & Wastewater

A number of replacements are scheduled to occur within FY 25. Replacements range from lift station pumps, to back-up generators, to compound meters. Two replacement projects directly impact our ability to reduce water loss – compound meter replacement and the column pipe replacement within Tower 1. Both of these projects have been long-planned and have moved into the current year plan. Compound meter replacement is scheduled to take place over four years. Replacing the lift station pump on Crosswind Lane was elevated into the next fiscal year due to the other pump in this station failing earlier this year.

Two other replacement projects would work hand-in-hand with the recent lift station upgrades approved earlier this fiscal year by the Village Board. Primary Logic Controls (PLCs) at the wastewater treatment plant and lift stations would work with a new SCADA program to improve automation and communication between lift stations and our Public Works personnel. The PLC replacements are planned over the next three years.

Community Capital Fund

Regular revenues for the Community Capital Fund include Transportation Facility Fees, public facility fees (from new developments), video gaming proceeds, and 10% of income and sales tax receipts. For FY 25 and beyond, anticipated revenues for video gaming were increased as we have seen an increase in terminals and usage. At year end, if the General Funds' balance exceeds 75% of the following year's anticipated expenses, the excess funds may be transferred to Community Capital. Currently, revenues for the fund are coming in as expected and a year-end transfer from the General Fund is likely. That transfer amount is estimated, conservatively, at around \$900,000.



General Government

There are no major changes proposed within this section for the current year. The economic development incentives pertain to Zeigler Nissan's sales tax rebate agreement. Any future sales tax rebate agreements would impact this expense category.

Street Improvements

FY 25 will be an MFT resurfacing year. Along with approximately \$900,000 in Motor Fuel Tax funds, we will also have a \$200,000 contribution from the Garbage Fund to support our resurfacing efforts. In all, we have identified \$1.1M to go toward road reconstruction. This is in-keeping with our six-year road resurfacing schedule. Staff proposes increasing the \$100k funding that has traditionally gone towards patching and mill/overlay to \$300,000 this year. This will allow Public Works to address a wider range of streets than what was originally planned. The list of streets that are proposed for treatment in FY 25 are still being finalized.

The largest obligation the Village will incur in Community Capital will be the Village's required match for the Lake Shore Drive Road Reconstruction Project. With the additional length of roadway the Village Board decided to include in Phase 1, plus the expected inflationary costs, the Village is anticipating \$1,407,000 to be dedicated toward this project. MFT will be contributing \$953,102 toward the project as well. The engineers' estimate for the total cost of the project is \$5,885,000.

Village Facilities & Equipment

The CIP continues the roof repairs planned for Village facilities over the past few years. With the future of the Village Hall complex being examined, staff is proposing paring back on roof repair expenses to only cover known problem areas, primarily leaks over the Public Works garage. The bulk of the roof repair expenses proposed in FY 25 are to the five buildings at the Wastewater Treatment Facility. Other projects include replacing the salt barn door, installing spill containment for our pre-wet system, and replacement of the fence gate and controller at the Wastewater Treatment Facility.

The Police Department has requested the inclusion of license plate readers into the CIP to help identify wanted suspect vehicles who enter into our boundaries. The purchase of five cameras would be installed at various entrance points to the community. The in-squad camera replacements were deferred into next year as we hope to secure police vehicles in late 2024. Another technology improvement would be for the purchase of tablets for the mayor and trustees along with a laptop for the Village Clerk. Through this purchase, we hope to reduce printing costs and reduce risks on our network.



Green/Sustainability Improvements

Information our Public Works is receiving indicates that concrete costs will be rising significantly compared to the previous year. To maintain our current level of sidewalk and curb replacement funding, Public Works has increased concrete repairs costs by \$10,000 to a total of \$45,000.

Stormwater improvements are reduced compared to the previous year as we plan for a possible match for a grant to repair and improve the Rose Tree Lane outfall within McDonalds Woods Forest Preserve. The Village and Lake County Forest Preserve District are jointly applying for grant funds through the Lake County Stormwater Management Commission to cover the costs of designing and constructing this improvement. The estimated match of both parties is approximately \$50,000. Remaining funds support our ongoing stormwater improvements design and construction and 50/50 culvert replacements.

Vehicle & Major Equipment Replacement

Purchases proposed for this fund follow our vehicle replacement schedule. Public Works will be bidding out the cost of the bed of the truck that was recently purchased. Police squads were deferred from FY 24 as delivery dates are projected to take place in late 2024. The Chief's unmarked vehicle is also up for replacement in FY 2025.



Appendix A
Estimated Tap-On and Permit Fees

	Remaining Units to Permit	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
Single Family Permit								
Briargate (Phase 1)	6	20	10	3	2	1	0	0
Briargate (Phase 2)	69	0	17	25	20	5	2	0
Briargate (Phase 3)	67	0	0	3	22	20	12	8
Heritage Park Townhomes	100	0	0	20	40	40	0	0
Total (Detached)	142	20	27	31	44	26	14	8
Total (Attached)	100	0	0	20	40	40	0	0
Total	242	20	27	51	84	66	14	8
Revenue								
Building Permit Fees (per unit)		\$ 2,508	\$ 2,558	\$ 2,610	\$ 2,662	\$ 2,715	\$ 2,769	\$ 2,825
Water Tap On Fee		\$ 2,829	\$ 2,829	\$ 2,829	\$ 2,829	\$ 2,829	\$ 2,829	\$ 2,829
Sewer Tap On Fee		\$ 2,964	\$ 2,964	\$ 2,964	\$ 2,964	\$ 2,964	\$ 2,964	\$ 2,964
Sanitary District Tap On Fee		\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800
Meter Sales		\$ 448	\$ 448	\$ 448	\$ 448	\$ 448	\$ 448	\$ 448
Construction Water		\$ 101	\$ 101	\$ 101	\$ 101	\$ 101	\$ 101	\$ 101
Public Facilities Fee (Briargate)		\$ 1,750	\$ 2,000	\$ 2,250	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Public Facilities Fee (Heritage)			\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Average Permit Fee		\$ 12,401	\$ 12,701	\$ 13,002	\$ 13,304	\$ 13,357	\$ 13,412	\$ 13,467
Total General Fund Revenue		\$50,164	\$69,075	\$133,085	\$223,583	\$179,186	\$38,769	\$22,597
Total Water/Sewer Fund Revenue		\$10,989	\$14,835	\$28,022	\$46,154	\$36,264	\$7,692	\$4,396
Total Water/Sewer Capital Fund Revenue		\$115,860	\$156,411	\$295,443	\$486,612	\$382,338	\$81,102	\$46,344
Total Community Capital Revenues		\$35,000	\$54,000	\$129,750	\$230,000	\$185,000	\$35,000	\$20,000
Revenue - Non-residential		\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,001
Revenue - Miscellaneous Residential		\$111,328	\$110,259	\$109,191	\$108,122	\$108,122	\$108,122	\$108,122
Sanitary District Tap-On		\$59,280	\$80,028	\$151,164	\$248,976	\$195,624	\$41,496	\$23,712



Capital Improvement Plan Overview

Introduction

The purpose of the Village's Capital Improvement Plan (CIP) is to establish a long-range planning tool to provide for the investment in major community infrastructure improvements and the maintenance/repair/replacement of existing Village facilities and equipment.

More specifically, the Capital Improvement Plan will:

1. Identify existing major infrastructure and facilities.
2. Describe the CIP planning process.
3. Identify needed capital improvement projects within the next five years or longer.
4. Provide a summary of current debt obligations.
5. Identify, categorize and describe potential future community improvement projects.
6. Make recommendations to maximize community improvement spending.

When planning for capital projects, the Village uses seven objectives when evaluating the priority of projects, which are indicated throughout the CIP document:

1. Continuation of Maintenance and Replacement of Village Infrastructure to Address Essential Community Infrastructure Needs
2. Improvements to Technology to Increase Operational Efficiencies or Increase Data Driven Decision-Making
3. Enhances Quality of Life Elements and Improves Property Values
4. Improve Citizen Engagement in order to Establish Future Goal Setting and/or Comprehensive Planning
5. Enhance Public Safety
6. Seeking more sustainable equipment, materials, or practices
7. Promotes strategic priority areas and goals as established within the Village's strategic plan

DRAFT



Capital Improvement Plan Overview

Capital Improvement Plan Planning Process

The planning process for the Capital Improvement Plan is a collaborative multi-step process and includes the following steps:

Step	Completion Date	Description of Activity
1	January 12	Departmental CIP items are submitted to Village Administrator
2	Ongoing	Staff prepares a draft CIP document that includes revenue projections and proposed projects and costs
3	February 2	Draft CIP is provided to the Village Finance Committee for review and input
4	February 12	Draft CIP is discussed at Village Board Meeting
5	March	Staff incorporates Village Board decisions and modifications into final CIP document
6	April 8	Village Board first reviews recommended CIP projects as part of the Village's full budget
7	April 22	Village Board adopts Operational and CIP Budgets

Capital Improvement Plan Structure and Organization

The Village's CIP is organized into three main areas meant to increase understanding of our capital improvement needs and increase transparency around various capital projects. The three primary groupings are as follows:

- Capital Projects by Functional Group: This organizes recommended capital project into functional groups that have similar like projects and priorities. Projects within this area are projected for the next five years.
- Proposed Fiscal Year Spending Summary: Provides a summary of this proposed fiscal year's capital projects by functional group.
- Fund Summary: Provides information about which Village funds will be used to fund all proposed projects.

DRAFT



Capital Improvement Plan Overview

Recommended Capital Improvement Projects by Functional Group

Recommended Village capital improvement projects are categorized into five different functional groups as shown below. Within each functional group, individual types of projects have been projected for the next five years.

Project Groups:

- General Government Improvements
- Water and Wastewater Improvements
- Street Improvements
- Village Facilities and Equipment
- Green/Sustainability Initiatives
- Vehicle and Major Equipment Replacement



CIP - General Government

Overview

Projects identified in this category cover a wide range of areas that all aim to improve Village services, operations, and quality of life. Examples of potential project areas in this category include maintaining the Village’s four lakes, improving stormwater infrastructure, enhancing Village services, and providing economic development/incentives. Projects in this category are funded by the Community Capital Fund.

General Government Recommended Projects					
Projects	FY 2024-25 Projected	FY 2025-26 Projected	FY 2026-27 Projected	FY 2027-28 Projected	FY 2028-29 Projected
Community Survey			\$13,000		
Economic Development & Incentives	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000
<i>Subtotal</i>	<i>\$110,000</i>	<i>\$110,000</i>	<i>\$123,000</i>	<i>\$110,000</i>	<i>\$110,000</i>

Project Descriptions for Fiscal Year 2024-2025

Economic Development & Incentives

Zeigler Economic Incentive Payment (\$110,000)

Per the Board approved revisions to the Economic Incentive Agreement between the Village and Zeigler Nissan, the Village has committed to ongoing rebates of 50% of sales tax generated by the project. This is estimated for FY 22 at \$110,000.

Project Descriptions for Fiscal Years 2026-2029

Economic Development & Incentives (\$110,000)

FY 26-29: Zeigler Economic Incentive Payment (\$110,000)

Community Survey

FY 27: Community Survey (\$13,000)



CIP – Water & Wastewater

Overview

The Village maintains a well water distribution system that includes 6 well houses, 9 wells, two water wells that hold 750,000 and 500,000 gallons, a 1,000,000-gallon reservoir, 62 miles of watermain, and 728 fire hydrants. Additionally, the Village operates and maintains a wastewater treatment system that includes, 11 lift stations, 65 miles of sanitary sewer lines and a waste water treatment facility that can treat 2.0 million gallons per day. The projects identified below provide maintenance and enhancement to both the water and wastewater systems. Projects in this category are funded by the Water/Sewer Capital fund.

Water & Wastewater Recommended Projects					
Projects	FY 2024-25 Proposed	FY 2025-26 Projected	FY 2026-27 Projected	FY 2027-28 Projected	FY 2028-29 Projected
Lift Station Upgrades and Improvements	\$15,000	\$52,350	\$112,900	\$40,810	\$45,000
Water Infrastructure Improvements	\$252,900	\$54,950	\$106,000	\$837,000	
Wastewater Treatment Facility Upgrades	\$84,500	\$78,000			
Misc. Equipment	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
<i>Subtotal</i>	<i>\$357,400</i>	<i>\$190,300</i>	<i>\$236,900</i>	<i>\$882,810</i>	<i>\$50,000</i>

Project Descriptions for Fiscal Year 2024-2025

Lift Station Upgrades & Improvements

Lift Station No. 7 Pump Replacement (\$15,000)

Lift Station No. 7 is located on Crosswind Lane. One of the service pumps was replaced in 2023 under emergency service and we propose to replace the second pump. The second pump is approaching 20 years in service which meets the life expectancy of 17 – 20 years. This price includes installation fees.

Water Infrastructure Improvements

High Point Well House Generator Replacement (\$45,000)

The stand-by generator for the High Point Well House can no longer provide power in an emergency. The unit is original and is over 30 years old. The unit was



CIP - Water & Wastewater

designed to power 2 wells to operate simultaneously but this requirement is no longer needed as there is only one well at this location. The proposed unit does not need to provide as many kilowatts and should be reduced in size.

FY 25–28: Compound Meter Replacement Program (\$33,900)

In our efforts to reduce water loss and better accountability, Public Works proposes the replacement of older commercial account meters and existing compound meters located at various commercial businesses. These recommended meters for replacement were installed prior to 2014 and are as old as 2007. The new meters will allow for data logging to better assist our clients in identifying problems within their plumbing. The new compound meter is of the Fergusson T10 family using the vortex metering system. The meter will have the same functions as our current meter but will eliminate the need to track two meter readings for billing. At present, a compound meter must read a “HI” usage and a “LO” usage. The vortex meter automatically reads the water used as a single read and is equipped with data logging capabilities.

We propose this meter exchange to occur over the next four years with a 3% increase in materials:

Fiscal Year	Cost
FY 24/25	\$33,900
FY 25/26	\$34,950
FY 26/27	\$36,000
FY 27/28	\$37,000

Televising of Emergency Standby Wells (\$24,000)

Since the inception of Lake Michigan water in 2017, the emergency stand by wells are only exercised once per month. The wells are running for a minimal time and the water is pumped to waste. Due to the lack of operations, we propose the televising of the wells to catalog their current conditions and to evaluate the condition of the aquifers. This televising will also identify any issues with the column pipe, casing, or the intake screens. It has been known that the matrix of the water has caused problem in the past with our wells at a time during operations. Concerns can be made of the condition of the wells with minimal



CIP - Water & Wastewater

operations. This work should be performed every four years to guarantee the operations of the well if the need arises that they be placed into service.

Tower 1 (YMCA Road) Column Pipe Replacement (\$150,000)

In early 2020, repairs to Tower 1 were performed to the angle brackets that were leaking. At that time, Public Works determined that a full inspection of the column pipe should be performed based on concerns of the thickness of the wall of the pipe. Since that time, Public Works has come to an understanding that the entire column pipe should be replaced and would rather forego the inspection and simply replace the pipe.

Wastewater Facility Improvements

Primary Logic Controls (PLC) Replacement (\$19,500)

The Primary Logic Controls (PLC) are original with the 2012 Treatment Plant Upgrades. These controls receive and send data to each other and assist with operations of the wastewater treatment facility. There are 4 units at the treatment facility and 1 unit at the Haven Lane lift station. The current units will no longer be supported and will need to be replaced. We propose to begin phasing these out over the next 3 years. Pricing of \$6,500 includes programming from an outside source to remain compatible with the SCADA System.

Fiscal Year	No. of Units	Cost
FY 24/25	3	\$19,500
FY 25/26	2	\$13,000
FY 26/27	2	\$13,000

Replace SCADA Computer (\$50,000) & Install Fiber Optics at WWTF (\$15,000)

Public Works proposes to replace the Supervisory Control and Data Acquisition (SCADA) computer and update the software that operates the system. This computer currently controls the Wastewater Treatment Facility and the water distribution system. The upcoming lift station upgrades will allow integration to the SCADA system but the programming will need to be updated to maximize these upgrades. Wonderware and Wims are maintenance and process control software that have not been updated since 2012 and is part of the proposed replacement.

DRAFT



CIP - Water & Wastewater

Similarly, Win911 will need to be replaced. Win911 are the alarm set points for the various equipment and we are limited with 64 data points. We currently have multiple alarms piggybacked to one data point that requires staff to view the SCADA to identify where and what the alarm may be delaying the response for corrective measures. The new Win911 will have ample enough data points to support individual alarms for the wastewater treatment facility, water distribution system, and the addition of the lift stations. Finally, with the software updates, the fiber optics will hard wire the connection of the treatment facility and the computer will allow for real time updates as opposed to waiting for the SCADA to complete a scanning rotation via the antennae.

Misc. Equipment (\$5,000)

Project Descriptions for Fiscal Years 2026-2029

Lift Station Upgrades & Improvements

FY 26-28: Installation & Repair of Lift Station Driveways (\$17,250-\$75,000)

Public Works proposes the replacement of the aging driveways at the lift stations over a period of four years. Ten of the eleven lift stations have a driveway approach and are original installations. Special care is needed when removing snow and ice from the drives as well as becoming eye sores for the local residents. The list below prioritizes the needs of the driveways in a “worst-is-first” methodology. Cost calculations are based on current pricing of \$10 per square foot.

Fiscal Years	Lift Station	Square Feet	Extended Cost
FY 25/26	Lift Station 2	816	\$8,400
	Lift Station 5	900	\$9,300
	Lift Station 8	450	\$4,650
FY 26/27	Lift Station 1	750	\$7,700
	Lift Station 3	780	\$8,000
	Lift Station 7	700	\$7,200
FY 27/28	Lift Station 4	432	\$4,450
	Lift Station 10	375	\$3,860

DRAFT



CIP - Water & Wastewater

	Lift Station 11	800	\$8,250
	Lift Station 6	2,355	\$24,250

FY 26: Replace Lift Station Pumps #2 (Valley Drive) (\$30,000)

Lift Station no. 2 is located on Valley Drive. These service pumps are exceeding their service life and are 21 years old. The life expectancy of these pumps is 17-20 years. We recommend replacing these pumps with the use of the supplier assisting with the install.

FY 27-30: Lift Station Stand-By Generator Replacement

Currently the lift stations are equipped with stand-by generators that power the station in the event of a power outage. Consideration of replacing these generator sets and the automatic transfer switch should be considered to ensure operations during a power outage. These generator sets are original when the lift stations were upgraded to receive its own power supply. We recommend; based on age, the following replacement schedule.

Fiscal Year	Location	Installed Year	Cost
FY 26/27	Emerald Lift Station X2	1991	\$90,000
FY 28/29	North Beck Lift Station	1991	\$45,000
FY 30/31	Elmwood Drive Lift Station & Crosswind Lift Station	1995 & 1996	\$90,000

Water Infrastructure Improvements

FY 26: Abandon Well House #4 (Sedgewood Cove) (\$20,000)

We propose to abandon Well House #4 located in Sedgewood Cove. This well house was constructed in 1994 as a means to provide potable water to the subdivision if the need to isolate the area from the distribution system occurred.



CIP - Water & Wastewater

This well produces only 95 gallons per minute and was built on top of an iron bed. Due to the high iron count, this well was not used as a front-line water producer but as a last use option. The last recorded use from this well was in March 2012 and then previous to that was August 2000. With the current distribution piping and the Lake Villa Interconnection as a viable backup source, the need for this well house no longer exists.

FY 27: Communications Upgrade to Well Houses (\$70,000)

Similar to the upgrades being performed at the sanitary lift stations, communications upgrades are needed to our well houses that reliably provide information to our Public Works staff, even while in offsite locations. Improved communication would allow our staff to view more reliable information and remote operability in the case of an alert or alarm.

FY 28: Tower 2 (Falling Waters Blvd.) Painting (\$800,000)

Wastewater Facility Improvements

FY 26: Reseal & Repave Lagoon (\$65,000)

The storage lagoon at the WWTF is in need of repairs. The lagoon measures 87 feet by 255 feet with a surface area of 22,185 square feet. The lagoon has multiple fractures and the seams have separated over time. These fractures and open seams allow for vegetation to grow which in turn requires staff to remove several times a year. The surface of the lagoon is not designed to support machinery so this work will need to be performed by hand.



CIP – Street Improvements

Overview

The Village consists of 94.3 lane miles of streets and rights of way. Following a pavement management assessment of Village streets in 2022 which rated the Village’s road network in the “poor” category, the Village made a larger commitment to invest in road infrastructure by creating a six-year road resurfacing program. This program has allowed the Village to almost double the number of road miles treated during the biennial resurfacing schedule while increasing the overall pavement condition index (PCI) score of the overall network. The majority of the projects outlined below reaffirm the Village’s commitment to the biennial resurfacing schedule. Other project funding for street improvements account for large Village infrastructure projects and for the Village’s contribution to state and county road projects. Projects in this category are funded primarily by the community capital fund. The Motor Fuel Tax and Garbage fund also provides funding for street improvements on a biennial schedule.

Street Improvements Recommended Projects					
Projects	FY 2024-25 Proposed	FY 2025-26 Projected	FY 2026-27 Projected	FY 2027-28 Projected	FY 2028-29 Projected
Pavement Management Assessment				\$47,500	
Road Resurfacing Program	\$330,000	\$100,000	\$130,000	\$625,000	\$100,000
Village Match for County/ State Road Projects	\$365,355				\$101,269
Lake Shore Drive Reconstruction & Engineering	\$1,407,000		\$1,246,530		
Misc. Street Improvements	\$12,500				
Subtotal	\$2,114,855	\$100,000	\$1,376,530	\$672,500	\$201,269



CIP – Street Improvements

Project Descriptions for Fiscal Year 2024-2025

Road Resurfacing Program

Road Program Design Engineering (\$30,000)

Lake Shore Drive Reconstruction and Engineering

Lake Shore Drive Reconstruction FAU Match (\$1,407,000)

Based on the most recent estimates, the combined cost of construction and engineering for this project is approximately \$5,885,000. Due to limits on Federal participation on these projects, Federal support extends to \$3,652,000 of total expenses. The Village is tasked with covering the gap in funding totaling \$2,233,000. With MFT contributing \$953,102, the Community Capital Fund is responsible for the remainder - \$1,279,898. A 10% contingency was added to this figure, bringing the estimated expense to the Community Capital Fund to \$1,407,000.

2024 Road Resurfacing Program (\$300,000)

Includes contributions from Motor Fuel Tax (MFT) and Garbage Funds. The amount attributable to the Community Capital Fund is \$300,000. This increases the amount of milling and asphalt overlay will conduct in FY 25. Traditionally, the Village has planned for \$100,000 worth of patching/mill and overlay. This increase helps us extend our road improvements and provide new surfaces to neighborhoods that have good road subbase conditions and minimal curb work.

Village Match for County/ State Road Projects

Route 45 Contribution (\$9,585)

Route 132 Village Contribution (East & West Sections) (\$355,770)

Misc. Street Improvements

Village entry Sign Replacement (\$12,500)

The Village has not replaced our entryway signs along Grass Lake Road at US 45 since the completion of the Millburn Bypass Project. The cost contemplated would

DRAFT



CIP – Street Improvements

replace signage at US 45 and Haven Lane (Forest Trails) and Grass Lake Road and southbound US 45.

Project Descriptions for Fiscal Years 2026–2029

Pavement Management Assessment

FY 28: Pavement Management Assessment (\$47,500)

Road Resurfacing Program

FY 26–29: Pavement Patching (\$100,000)

FY 27: 2026 Road Program Design Engineering (\$30,000)

FY 27: 2026 Road Resurfacing Program (\$1,150,000)

Includes contributions from Motor Fuel Tax (MFT) and Garbage Funds. Outside of design expenses, no additional contributions are made to the road resurfacing program this year.

FY 28: 2027 Road Resurfacing Program Contribution (\$525,000)

Village Match for County/ State Road Projects

FY 29: US 45 from Rt. 173 to Rt. 132 Expansion (\$101,269)

Lake Shore Drive Reconstruction and Engineering

FY 27: Phase II Construction and Engineering (\$1,246,530)

Should the second phase of the Lake Shore Drive et al Road Reconstruction Project is awarded the Village will need to have matching funds identified. This match amount assumes a project cost of \$5.5M.

Misc. Street Improvements



CIP – Village Facilities & Equipment

Overview

The Village is responsible for numerous municipal facilities that include the Village Hall, the Public Safety Building, and the Public Works Garage. In addition to the Village’s operational facilities, the Village also maintains the Veteran’s Memorial which was constructed in 2006. Funding within this category aim to improve the functionality of existing facilities and provide preventative maintenance to prolong the life of Village facilities. Other projects address operational equipment needs through the means of replacement, maintenance, or purchasing new equipment. Projects in this category are funded by the Community Capital Fund.

Village Facilities & Equipment Recommended Projects					
Projects	FY 2024-25 Proposed	FY 2025-26 Projected	FY 2026-27 Projected	FY 2027-28 Projected	FY 2028-29 Projected
Municipal Complex Improvements	\$35,000	\$120,000			
Public Works Facilities Improvements	\$181,000				
Technology Replacement & Improvements	\$55,250				
Misc. Equipment/Projects	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
<i>Subtotal</i>	<i>\$283,250</i>	<i>\$132,000</i>	<i>\$12,000</i>	<i>\$12,000</i>	<i>\$12,000</i>

Project Descriptions for Fiscal Year 2024–2025

Municipal Complex Improvements

Village Facility Roof Repairs (\$35,000)

The Village Hall roof is aging and is in need of additional repairs. Some work has taken place on half the area and we are looking to complete additional work. This work involves removal of coping tiles to install water proof flashing, tuckpointing in various locations, and replacement of bricks. Most of these repairs are targeted over the Public Works Garage at Village Hall.

Public Works Facilities Improvements

Fence Gate & Controller at Wastewater Treatment Facility (\$35,000)

DRAFT



CIP – Village Facilities & Equipment

The front gate to the Wastewater Treatment Facility is in need of replacement. The control box does not function during wet conditions due to the inground sensors becoming wet to either rain or melting snow. These sensors were replaced in 2012 when the control box was replaced. The support posts for the cantilever gate are now settling and require adjustment. This settling has caused the cantilever gate to twist on each open and closing of the gate. The current control box is being phased out and will need replacement.

Salt Barn Door Replacement (\$17,000)

The salt dome located at the Wastewater Treatment Facility has doors that do not close properly. These doors are original and have been worked on in 2014 and 2018. We propose to replace the barn door style with a roll-up door designed to be used in a salt environment. It is a requirement that during non-snow operations that all salt storage units must remain closed to meet stormwater requirements. At present we are only able to close one section of the door easily with the second door being problematic.

Spill Containment for Pre-Wet (\$9,000)

As Public Work continues to utilize pre-wetting and the use of an additive to assist in minimizing the use of salt, the pre-wet operation has grown. We currently have 4 large tanks that hold the pre-wet liquid that does not have a spill containment in the event of a spill. Public Work proposes to add a concrete containment around the pre-wet containers that will meet the requirements of the stormwater spill prevention. This price includes additional piping that will be necessary due to the design of the containment.

Public Works Operations Building Roof Repairs (\$120,000)

Like the Village Hall building, the roofing at the Operations Building has exceeded its life and is in need of replacement. Funding for this project was scheduled within the CIP for a number of years as part of a multi-year repair. The recommended repairs include the removal/replacement of shingles on five (5) buildings, remove /replace roof deck on Filter Building, install new ridge vents on Operations Building, installation of 3" lead pipe for venting.



CIP – Village Facilities & Equipment

Technology Replacement & Improvements

Police Department License Plate Readers (\$21,250)

License Plate Readers (LPRs) are specialized cameras which can capture vehicles traveling through a community in a specific direction. The cameras have the ability to capture license plates of criminal suspects that enter into our community. The LPRs software has the ability to notify our officers of wanted suspect vehicles from crimes committed within our community or even those from outside communities based on information shared jointly between departments.

LPRs have been shown in case studies to reduce crimes like stolen automobiles, package thefts, vandalisms, and burglaries. Several law enforcement agencies throughout Lake County have already implemented LPRs within their jurisdictions. The proposed cost is for five (5) cameras to be placed on entry points within the community (US 45 x2, Grand Avenue/Deep Lake, Grass Lake Road x2). The cost proposed within Community Capital is for the camera costs and installation only. An ongoing annual fee of \$15,000 for the cameras will be assigned to the Police Department's annual operating budget.

Elected Official and Staff Tablets (\$4,360)

Over the past few years, the Village has made various technology improvements to improve different aspects of our organization. The proposed FY 25 cost would include iPads for the Village Board and a laptop for the Village Clerk. Providing tablets for the Village Board would allow for efficient digital access to meeting information and reduce the dependence on using personal devices for official Village business. The transition to tablets also furthers Village sustainability efforts by reducing the amount of paper printed for each meeting.

Additionally, the administration is considering purchasing Microsoft Surface Pros for Village staff. Surface Pros are flexible devices that have the functionality of a laptop with the convenience of a tablet. The devices also provide flexibility for staff to bring devices to meetings, conferences, and other offsite environments. The IT fund has enough money in computer replacements and contingency line items to support.

In Squad Video Camera and Replacement (\$29,640)



CIP – Village Facilities & Equipment

Staff has already installed three (3) in-car videos system (October 2022). This was part of a three-year replacement program to coincide with the replacement of squads. With the deferral of squad purchases until late 2024, this cost has been shifted to FY 25. Staff is recommending to purchase four (4) units at a cost not to exceed \$29,640.

Misc. Equipment/ Projects

Project Descriptions for Fiscal Years 2026–2029

Municipal Complex Improvements

FY 26: Village Facility Roof Repairs (\$120,000)

Misc. Equipment/ Projects

FY 26–29: Misc. Equipment/ Projects (\$12,000)



CIP - Green/Sustainability Improvements

Overview

For years, the Village has continued to offer sustainability initiatives and programs including textile recycling and 50/50 programs to residents. The Village has also implemented greener practices in our operations by switching to LED lighting, implementing a tree replacement program, and investing in pedestrian facilities. The projects identified within this category further the Village’s commitment towards implementing sustainable and green practices. Projects in this category are funded by the Community Capital Fund.

Green/Sustainability Recommended Projects					
Projects	FY 2024-25 Proposed	FY 2025-26 Projected	FY 2026-27 Projected	FY 2027-28 Projected	FY 2028-29 Projected
Pedestrian Improvements	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000
Forestry	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Stormwater Management Projects	\$130,000	\$50,000	\$50,000	\$50,000	\$50,000
<i>Subtotal</i>	<i>\$190,000</i>	<i>\$110,000</i>	<i>\$110,000</i>	<i>\$110,000</i>	<i>\$110,000</i>

Project Descriptions for Fiscal Year 2024-2025

Sidewalk Improvements

FY 25 Replacements (\$45,000)

Forestry

FY 25 Service and Replacement (\$15,000)

Stormwater Management Projects

FY 25 Projects (\$130,000)

In continuation of the storm water projects and the 50/50 culvert replacement program, we propose to continue funding to complete additional projects on the Storm Management Repair list. Engineering \$10,000, 50/50 culvert replacements \$10,000 Storm improvements \$60,000. A major repair considered in FY 2025 is repair of the Rose Tree Lane outfall which encroaches into McDonalds Woods Forest Preserves. The Village and Lake County Forest Preserve District are jointly applying for grant funds through the Lake County Stormwater Management



CIP - Green/Sustainability Improvements

Commission to cover the costs of designing and constructing this improvement.
The estimated match of both parties is approximately \$50,000.

Project Descriptions for Fiscal Years 2026-2029

Sidewalk Improvements

FY 26-29 Replacements (\$45,000)

Forestry

FY 26-29 Tree Replacement Program (\$15,000)

Stormwater Management Programs

FY 26-29 Projects (\$50,000)



CIP – Vehicle & Major Equipment Replacements

Overview

The Vehicle Replacement provides for the replacement of vehicles and major equipment for the Police and Public Works departments. Vehicles and major equipment are slotted for their replacement based on their estimated useful lifespan and incurred maintenance costs. All vehicles and major equipment replacements are funded by the Vehicle Replacement fund, which receives funding from the Street Maintenance, Water/Sewer Operating, and Police Department funds. The Village’s Fleet consists of vehicles and equipment from both the Police Department and Public Works.

Police Department:

- 8 police vehicles

Public Works:

- 2 Public Works sport utility vehicles
- 4 Public Works pick-up trucks
- 4 – 2 yard dump trucks
- 6 – 5 yard dump trucks – 10 yard dump truck
- Backhoe, Jetter, Loader, Vactor, Roller, Trash Pump, Branch Chipper, Hot Asphalt Box

Vehicle & Major Equipment Replacement Recommended Projects					
Projects	FY 2024-25 Proposed	FY 2025-26 Projected	FY 2026-27 Projected	FY 2027-28 Projected	FY 2028-29 Projected
Public Works	\$105,000	233,466	\$108,243	\$303,622	\$112,616
Vehicles					
Police Vehicles	\$214,179	\$0	\$168,710	\$227,288	\$0
<i>Subtotal</i>	<i>\$319,179</i>	<i>\$233,466</i>	<i>\$276,953</i>	<i>\$530,910</i>	<i>\$112,616</i>

Project Descriptions for Fiscal Year 2024–2025

Public Works Vehicles

FY25 Replacements (\$105,000)

Last year, Public Works purchased and took possession of a Ford 750 chassis as a replacement vehicle due to its proximity and price. Having the chassis allows Public Works to solicit quotes on the outfitting of the dump bed and remaining



CIP – Vehicle & Major Equipment Replacements

buildout. Quotes received thus far estimate the remaining build out to be approximately \$105,000.

Police Vehicles

FY25 Replacements (\$214,179)

If we were following the schedule, FY 24-25 would have no squad replacements up for purchases this year because they were supposed to occur in FY 2024.

Because of supply issues, those purchases were deferred until this year.

However, the Chief's vehicle is up for replacement in this year's CIP at a cost of approximately \$43,697.



Funding Summary

Capital Improvement Plan: FY 2024 - 2025 Programming Summary

Total	Recommended Fiscal Year 2024-2025 Capital Improvements	CIP Objectives
\$110,000	General Government	
\$110,000	Economic Development & Incentives	7
\$357,400	Water & Wastewater Improvements	
\$15,000	Lift Stations Upgrades & Improvements	1 & 2
\$252,900	Water Infrastructure Improvements	1
\$84,500	Wastewater Treatment Facility Upgrades	1 & 2
\$5,000	Misc. Equipment	1
\$2,114,855	Street Improvements	
\$330,000	Road Resurfacing Program	1 & 2
\$365,355	Village Match for County/ State Road Projects	1 & 4
\$1,407,000	Lake Shore Drive Reconstruction & Engineering	1 & 3
\$12,500	Misc. Street Improvements	1
\$283,250	Village Facilities & Equipment	
\$35,000	Municipal Complex Improvements	1
\$181,000	Public Works Facilities Improvements	1
\$55,250	Technology Replacement & Improvements	2, 5, & 6
\$12,000	Misc. Equipment/Projects	5
\$190,000	Green/Sustainability Improvements	
\$45,000	Pedestrian Improvements	7 & 3
\$15,000	Forestry	7 & 3
\$130,000	Stormwater Management Projects	1
\$375,241	Vehicle & Major Equipment Replacements	
\$105,000	Public Works: Vehicle Replacements	1
\$214,179	Police: Vehicle Replacements	1
\$3,430,746.00	TOTAL FISCAL YEAR 2024-2025 IMPROVEMENTS	

DRAFT



Funding Summary

Capital Improvement Plan Funding Summary

The Village currently uses various capital funds for infrastructure and community improvements. These include:

I. Community Capital Fund

The Community Capital Fund typically funds storm water improvements, bike path and sidewalk improvements, municipal facility improvements, a portion of road improvements, computer equipment, and other miscellaneous improvements as determined by the Village Board. Regularly Yearly revenue sources and a five-year outline of project expenses are outlined below. In addition to the Community Capital Funds regular revenue, the fund receives a transfer of any available dollars in excess of the General Fund Target Balance at the end of each fiscal year.

Community Capital Fund
5-Year Revenue Projection
FY 24/25 - 28/29

Revenue	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
Transportation Facility Fees	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000
Public Facility Donation	\$ 189,750	\$ 290,000	\$ 65,000	\$ 35,000	\$ 20,000
Cell Tower Lease Fees	\$ -	\$ -	\$ -	\$ -	\$ -
Income Tax	\$ 215,095	\$ 222,750	\$ 230,404	\$ 238,059	\$ 245,713
Sales Tax	\$ 203,152	\$ 209,246	\$ 215,524	\$ 221,989	\$ 288,586
Video Gaming Proceeds	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000
Interest	\$ -	\$ -	\$ -	\$ -	\$ -
Total Community Capital Revenue	\$ 992,997	\$ 1,106,996	\$ 895,928	\$ 880,048	\$ 939,299



Funding Summary

Community Capital Fund
5-Year Projection
FY 24/25 - 28/29

Cash Balance 1/1/24

\$ 4,029,156

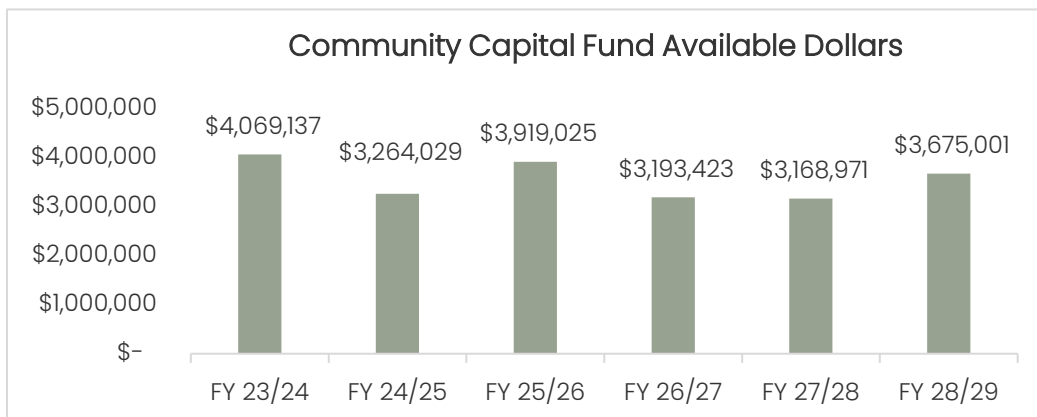
	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
Revenue*	\$ 485,678	\$ 992,997	\$ 1,106,996	\$ 895,928	\$ 880,048	\$ 939,299
Transfer From General Fund (Est.)	\$ -	\$ 900,000	\$ -	\$ -	\$ -	\$ -
	\$ 485,678	\$ 1,892,997	\$ 1,106,996	\$ 895,928	\$ 880,048	\$ 939,299

Expenses

Community Capital Fund Recommended Projects							
General Government	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	5 Year Total
Community Survey	\$ -	\$ -	\$ -	\$ 13,000	\$ -	\$ -	\$ 13,000
Lakes Management	\$ 6,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Economic Development & Incentives	\$ 110,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 550,000
TOTAL FUNDING	\$ 116,650	\$ 110,000	\$ 110,000	\$ 123,000	\$ 110,000	\$ 110,000	\$ 563,000
Street Improvements	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	5 Year Total
Pavement Management Assessment	\$ -	\$ -	\$ -	\$ -	\$ 47,500	\$ -	\$ 47,500
Road Resurfacing Program	\$ 10,000	\$ 330,000	\$ 100,000	\$ 130,000	\$ 625,000	\$ 100,000	\$ 1,285,000
Village Match for County/ State Road Projects	\$ -	\$ 365,355	\$ -	\$ -	\$ -	\$ 101,269	\$ 466,624
Lake Shore Drive Project Reconstruction & Engineering	\$ 55,000	\$ 1,407,000	\$ -	\$ 1,246,530	\$ -	\$ -	\$ 2,653,530
Misc. Street Improvements	\$ 22,500	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ 12,500
TOTAL FUNDING	\$ 87,500	\$ 2,114,855	\$ 100,000	\$ 1,376,530	\$ 672,500	\$ 201,269	\$ 4,465,154
Village Facilities & Equipment	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	5 Year Total
Municipal Complex Improvements	\$ 65,000	\$ 35,000	\$ 120,000	\$ -	\$ -	\$ -	\$ 155,000
Public Works Facilities Improvements	\$ 48,000	\$ 181,000	\$ -	\$ -	\$ -	\$ -	\$ 181,000
Technology Replacement & Improvements	\$ 46,811	\$ 55,250	\$ -	\$ -	\$ -	\$ -	\$ 55,250
Misc. Equipment/Projects	\$ 10,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 60,000
TOTAL FUNDING	\$ 169,811	\$ 283,250	\$ 132,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 451,250
Green/ Sustainability Improvements	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	5 Year Total
Pedestrian Improvements	\$ -	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 225,000
Forestry	\$ -	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
Stormwater Management Projects	\$ 71,736	\$ 130,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 330,000
TOTAL FUNDING	\$ 71,736	\$ 190,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 630,000
TOTAL COMMUNITY CAPITAL FUNDING	\$ 445,697	\$ 2,698,105	\$ 452,000	\$ 1,621,530	\$ 904,500	\$ 433,269	\$ 6,109,404

Available Dollars \$ 4,069,137 \$ 3,264,029 \$ 3,919,025 \$ 3,193,423 \$ 3,168,971 \$ 3,675,001

*Revenue included in FY 23/24 is what is estimated to be receipted before year-end.



DRAFT



Funding Summary

II. Water/Sewer Capital Fund

The Water/Sewer Capital Fund typically funds water and wastewater improvements/ replacements including watermains, lift stations, pump stations, debt obligations, etc. The Water/Sewer Capital Fund receives yearly revenue from tap on fees and interest.

Water & Sewer Capital Fund

5-Year Projection

FY 24/25 - 28/29

Cash Balance 1/1/24

\$ 2,186,106

	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
Regular Revenue*	\$ 24,911	\$ 441,303	\$ 632,472	\$ 180,618	\$ 111,102	\$ 76,344
Transfer From Utility Fund (Operating)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenues	\$ 24,911	\$ 441,303	\$ 632,472	\$ 180,618	\$ 111,102	\$ 76,344

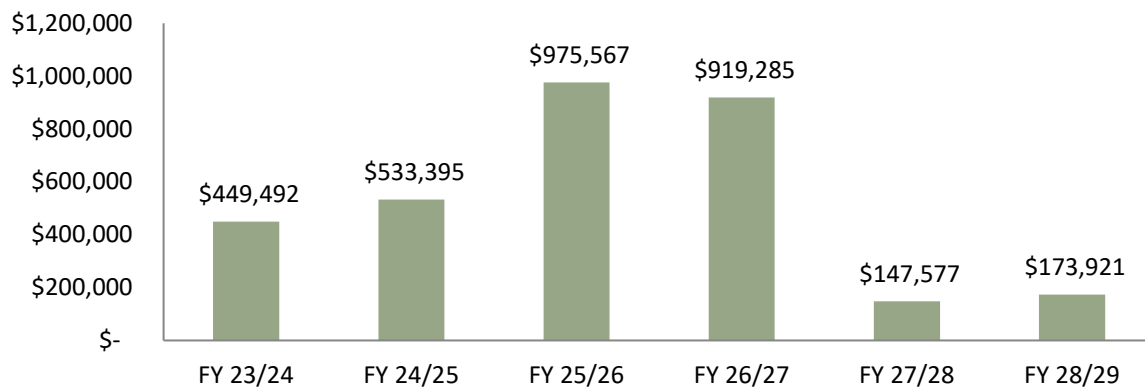
<i>Water/ Sewer Capital Fund Recommended Projects</i>							
<i>Water & Wastewater Improvements</i>	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	5 Year Total
ARPA- Water Main Replacement- Lake Shore Drive	\$ 1,342,525	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,342,525
Lift Stations Upgrades & Improvements	\$ 414,000	\$ 15,000	\$ 52,350	\$ 112,900	\$ 40,810	\$ 45,000	\$ 680,060
Water Infrastructure Improvements	\$ -	\$ 252,900	\$ 54,950	\$ 106,000	\$ 837,000	\$ -	\$ 1,250,850
Wastewater Treatment Facility Upgrades	\$ -	\$ 84,500	\$ 78,000	\$ 13,000	\$ -	\$ -	\$ 175,500
Misc. Equipment	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 30,000
PROJECT EXPENSE	\$ 1,761,525	\$ 357,400	\$ 190,300	\$ 236,900	\$ 882,810	\$ 50,000	\$ 3,478,935
Debt Obligations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTAL WATER/SEWER CAPITAL EXPENSE	\$ 1,761,525	\$ 357,400	\$ 190,300	\$ 236,900	\$ 882,810	\$ 50,000	\$ 3,478,935
------------------------------------------	---------------------	-------------------	-------------------	-------------------	-------------------	------------------	---------------------

Available Dollars \$ 449,492 \$ 533,395 \$ 975,567 \$ 919,285 \$ 147,577 \$ 173,921

*Revenue included in FY 23/24 is what is estimated to be received before year-end.

Water/Sewer Capital Fund Available Dollars



DRAFT



Funding Summary

III. Motor Fuel Tax Fund

The Motor Fuel Tax Fund provides revenue for various street maintenance activities including road salt, asphalt, and de-icing materials. Along with funding maintenance on Village streets, the Motor Fuel Tax Fund provides revenue for resurfacing a portion of Village roads on a biennial schedule. Fiscal Year 2024-2025 will be a resurfacing year that will utilize MFT funds. In addition, funds have been set aside for use toward the Hawthorne/Sprucewood/Lake Shore Drive project beginning in 2024.

Revenue

Motor Fuel Tax	\$615,413
Interest	\$6,794

Capital Expenses

Road Resurfacing	\$900,000
------------------	-----------

Non-Capital Expenses

Asphalt Products	\$16,995
De-Icing Material	\$109,798
Snow Emergency	\$1,000



Funding Summary

IV. Vehicle Replacement Fund

The Vehicle Replacement Fund provides funds for the replacement of all Village fleet and major equipment through a combination of contributions from Street Maintenance, Water/Sewer Operating Funds, and the Police Department. This fund is a result of a combination of the previously separated replacement funds for Public Works and the Police Department into a single fund for all fleet. The resulting cash balance increase strengthens the position of the fund and reduces overall contributions. Village forecasting provides a 20-year projection of the fund including annual replacement costs and replacement frequency.

Estimated Fund Beginning	\$591,476
Balance	

Revenue

Fund Contributions -	Street Maintenance -
	\$78,500
	Water/Sewer - \$78,500
	Police Department -
	\$78,500

Expenses

Public Works Vehicle	Mid-size dump truck
Replacements -	bed - \$105,000

Police Department Vehicle	Replacement of Three
Replacements -	Squads & Chief's
	Vehicle at \$208,559

DRAFT



Appendix A

Active Lift Station and Well House List

SANITARY STATIONS			
ASSET NAME	ADDRESS	CONTENTS	SERVICE LOAD
Lift Station 1	1910 ELMWOOD DRIVE	Sanitary Lift Station w/ 2 - Flygt 8" NP-3153.095 Pumps and a stand-by generator	Serves a portion of the Main Body, gravity fed from Lift Station no. 3 and no. 4, Force Main gravity feeds to the WWTP
Lift Station 2	227 VALLEY DRIVE	Sanitary Lift Station w/ 2 - 6" Flygt CP3153.091-0410 Pumps and a stand-by generator	Serves a portion of the Main Body, Force Main gravity feeds to the WWTP
Lift Station 3	2216 ROLLING RIDGE LANE	Sanitary Lift Station w/ 2 - 4" Flygt CP3153.091-0410 Pumps and a stand-by generator	Serves a portion of the Main Body, Force Main gravity feeds to Lift Station no. 1
Lift Station 4	205 HICKORY DRIVE	Sanitary Lift Station w/ 2 - 3" Flygt CP3085.092 Pumps and a stand-by generator	Serves a portion of the Main Body, Force Main gravity feeds to Lift Station no. 1
Lift Station 5	3135 HAVEN LANE	Sanitary Lift Station w/ 3 - 6" Flygt 3153.095 Pumps and a stand-by generator	Serves Forest Trails, Country Place North and South, Farmington Green, Harvest Hills, Falling Waters, Heritage Park, South East
Lift Station 6	1136 GRAND AVENUE	Sanitary Lift Station w/ 2 8" NP-3153.095 Pumps and a stand-by generator	Serves Sedgewood Cove and Victory Lakes, discharges to gravity feed line to WWTP
Lift Station 7	618 CROSSWIND LANE	Sanitary Lift Station w/ 2 - 4" Hydromatic S4M1000M3-4 Pumps and a stand-by generator	Serves homes in Emerald Shores, Force Main gravity feeds to WWTP
Lift Station 8	660 BECK ROAD	Sanitary Lift Station w/ 2 - 1 1/4" Barnes SGVF2032L Pumps and a stand-by generator	Serves portion of Americana Heights, gravity feed to WWTP
Lift Station 9	2585 EMERALD LANE	Sanitary Lift Station w/ 2 - 3" Hydromatic S4N300M3-4 Pumps and a stand-by generator	Service flow from Lift Station 9, half of Emerald Ridge, Force Main gravity feeds to Lift Station no. 2
Lift Station 10	2455 EMERALD LANE	Sanitary Lift Station w/ 2 - 3" Hydromatic S4N300M3-4 Pumps and a stand-by generator	Serves back half of Emerald Ridge, Force Main gravity feeds to Lift Station no. 9
Lift Station 11	401 WOODLAND TRAIL	Sanitary Lift Station w/ 2 - 2" Hydromatic SEGA.A15.20 Pumps and a stand-by generator	Serves Woodland Trail only, Force Main gravity feeds to WWTP
WATER ASSETS			
ASSET NAME	ADDRESS	CONTENTS	SERVICE LOAD
TOWER 1	1480 YMCA ROAD	750K Water Tower	
TOWER 2	2901 FALLING WATERS BLVD.	500K Water Tower	
RESERVOIR	2901 FALLING WATERS BLVD.	1MG At Ground Storage Facility	
WELL HOUSE 1	76 HAWTHORNE DRIVE	Houses equipment for emergency siren, no additional equipment used for water distribution system	
WELL HOUSE 2	2430 HIGHPOINT DRIVE	Stand-By Well for Ground Water w/ 2 - 500 GPM Flygt Pumps	
WELL HOUSE 4	334 CROOKED LAKE LANE	Stand-By Well for Ground Water w/ 2 - 90 GPM Flygt Pumps	
WELL HOUSE 5	610 INDEPENDENCE BLVD.	Stand-By Well for Ground Water w/ 2 - 500 GPM Flygt Pumps	
WELL HOUSE 6	1480 YMCA ROAD	Stand-By Well for Ground Water w/ 2 - 500 GPM Flygt Pumps	

DRAFT



Debt Obligations

Below is a summary of debt payments in the FY 24/25 Budget and when they expire.

Title	Amount	Fund	Expires	Purpose
2010 IEPA	\$44,364	W/S Operating	2030/31	Grand Ave Phase II
2011 Sanitary District	\$125,000	W/S Operating	2032/33	WWTF Phase II
2016 IEPA 026	\$404,995	W/S Operating	2035/36	Lake Michigan Improvements
2016 IEPA 027	\$667,667	W/S Operating	2036/37	Lake Michigan Improvements

DRAFT