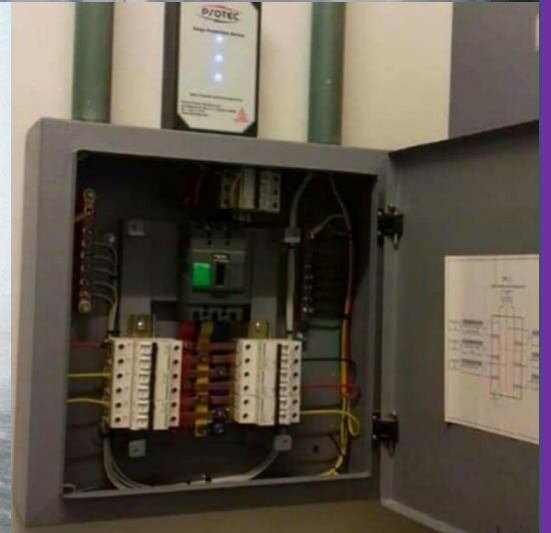




Village of Hampshire

Capital Improvement Plan

FY 2022 – FY 2024



Embrace Opportunity | Honor Tradition



Embrace Opportunity | Honor Tradition

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Village of Hampshire
Capital Improvement Plan
FY 2022-2024

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INTRODUCTION

What is the Capital Improvement Plan?

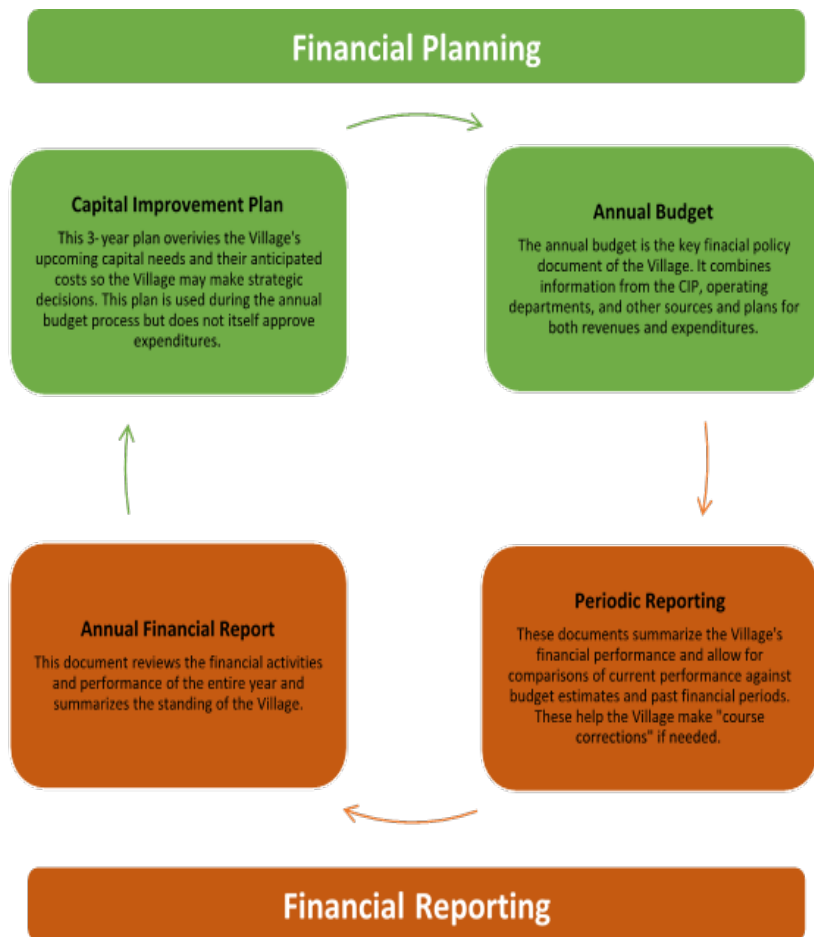
The Village of Hampshire’s Capital Improvement Plan (CIP) is a multi-year planning document designed to review the Village’s anticipated capital needs and purchases the Village will make during the plan period. Ultimately, the CIP’s goal is to ensure that the Village’s infrastructure, buildings, fleet, and equipment can meet both the service demands of the public and the operational needs of the organization. As one of the Village’s core planning documents, the CIP is updated annually and focuses on the three upcoming fiscal years following the current year.

The fiscal year 2022-2024 CIP includes projects and cost projections for the period from May 1, 2021 through April 30, 2024. The plan provides enough detail to understand the proposed projects but does not lock them in. This allows the Village to keep a long-term perspective while maintaining the flexibility to make changes as new needs or technologies arise. For this reason, the CIP should be viewed as a guide, not policy.

The Village’s Financial Cycle

The Village utilizes a fund accounting system to account for the resources necessary to operate the Village and maintain its capital assets. As part of this system, the Village completes an annual financial cycle designed to plan how funds will be spent during the year, manage and track revenues and expenditures while that plan is in place, and report on final outcomes once the year ends. The figure to the right illustrates this workflow.

As discussed above, this plan is a means to begin forecasting future capital needs and begin planning for the resources to pay for them. Expenditures still must be approved each year as part of the annual budget.



Planning and Approval Process

During the preparation of the CIP, staff assesses the condition of the Village's capital assets and identifies projects through a series of workshops. At these workshops, staff from each village department discusses capital improvements in five categories (described below) and ranks them based on priority. Projects that are a high priority of the Village Board, mandated by another level of government, or are required to maintain existing service levels are identified as the highest priority and scheduled in the earliest and most appropriate year of the 3-year plan. Additional projects that enhance service levels or are discretionary in nature are programmed based on priority and available funding.

Upon finalization, staff proposes a draft CIP to the Public Works Committee for review and comment before making a recommendation to the Village Board for adoption. The CIP is a continuous process that includes periodic review, annual revision, adoption, and incorporation into the annual budget. Together, the budget and CIP set the short and long-range financial plans for the Village of Hampshire.

CIP Structure and Organization

The Village's CIP is primarily organized into six separate categories:

- **Infrastructure** (roadways, storm sewers, water lines, and sanitary sewers)
- **Vehicles** (cars, trucks, plows, and other roadworthy equipment for all departments)
- **Buildings** (new buildings and building improvements for all departments)
- **Streets Plant and Equipment** (Streets Dept. capital equipment not including vehicles)
- **Utilities Plant and Equipment** (Utilities Dept. capital equipment not including vehicles)
- **Police Plant and Equipment** (Police Dept. capital equipment not including vehicles)

The Spending Summary describes spending by category and by fiscal year, and the Debt Summary details which items will obligate the Village beyond the 3-year CIP. Next, a Funding Summary provides information about which funds will be used to fund all of the projects. The Projects Summary lists each proposed project by category with its total cost and cost in each fiscal year, and the Capital Fund Cash Flows detail how those expenditures affect seven capital / special revenue funds over the 3-year CIP. Each project is then discussed in detail with individual project sheets grouped by category. Lastly, an index of all potential projects is included in a single table, including those not proposed by staff for this 3-year plan.

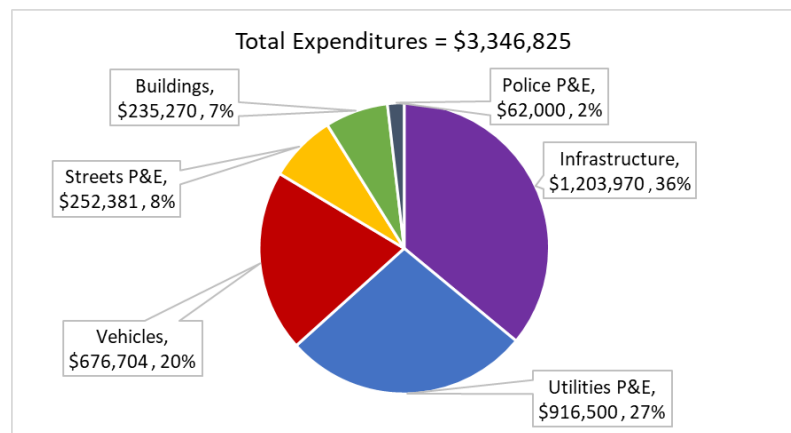
SPENDING SUMMARY

Introduction

The proposed expenditures for fiscal years 2022-2024 total approximately \$3.35 million and will require over \$1.6 million in longer-term obligations for financing. However, this 3-year plan constitutes only a small portion of the \$36.9 million in capital needs identified with a cost (even more exist, but costs are not known yet). The project index in the last section lists all the proposed expenditures included in the above figures as well as the other expenditures not proposed.

Spending by Category

About 36% of the planned spending is for 6 infrastructure projects detailed in the following sections of the CIP. However, several high-cost projects have been identified for a potential bond issuance. Those projects, while not included in this 3-year spending plan, are discussed in Appendix A.



Utilities Plant and Equipment expenditures account for another 27% of the planned spending. These expenditures will replace or repair the aging equipment needed to run the Village’s water and wastewater infrastructure. They will also upgrade the technology and redundancy that supports the system to make it more efficient and protected.

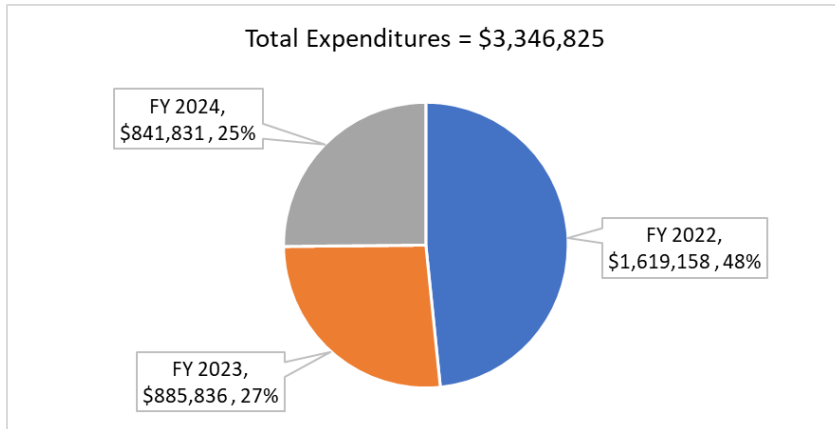
At 20% of total, planned spending in the Vehicles category will bring the Village’s current fleet across all departments out of disrepair and up to a level with more reasonable reliability and maintenance requirements. Furthermore, several vehicles are planned to be added so the fleet grows with the departments and the demand for their services.

At 8% of total, planned spending for Streets Plant and Equipment is low compared to the utilities department due to the relatively small amount of capital needed to run the streets department’s services, but the planned expenditures do address the needs identified by the Streets Supervisor. Additionally, a majority of spending in both the Vehicles and Buildings categories are related to the streets department, as described in later sections of the plan.

While 7% of total for planned spending in the Buildings category seems low, only two projects are proposed, and one of them is the largest individual expenditure in the CIP: a new streets department site. This category also plans for some minor renovations to Village Hall to keep it suitable for at least another 5 years.

Finally, just 2% of planned spending is for Police Plant and Equipment based on 1 expenditure needed to upgrade the current communication systems to match Kane County’s new platform.

Spending by Fiscal year



Although the CIP is primarily organized by spending category, this section visualizes and comments on spending by fiscal year. As a reminder, these charts only depict spending planned for the 3 fiscal years in the CIP.

Apparent in this chart is the imbalance in spending in FY 2022. This is partially due to

grants providing additional funding for the water system connection project as well as for the intersection improvements at State Street and Rt. 72. Additionally, one of the goals of capital planning is to flatten out the expenditures in annual budgets, making them more predictable. However, this being the Village’s first CIP, there is a myriad of high-priority project that all need attention now. Therefore, this plan involves using reserves to complete several infrastructure projects as soon as possible then flattening out spending in the following years to better match continual funding levels.

DEBT SERVICE SUMMARY

Introduction

Since every item in the CIP is eventually put into an annual budget, capital needs must compete with operating needs under the financial constraints the Village faces each year. Financing some of the capital items allows their upfront costs to be lower, making the more able to fit into each annual budget. This debt service summary identifies each of the proposed expenditures that are planned to be financed in some way. It does not include any of the very costly infrastructure projects because those are set aside in this CIP for a potential bond issuance (see Appendix A for more details).

New Debt Obligations

As summarized in the first table below, approximately \$280,000 of new annual debt will be obligated by projects in this CIP. The table summarizes the annual debt obligations the Village will incur for the years following this CIP due to projects planned for the three fiscal years in this CIP.

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2030	FY 2040	FY 2050
Total New Annual Debt Service	\$ 151,773	\$ 71,270	\$ 55,231	\$ -	\$ -	\$ -	\$ -
Financing for New Streets Site (25 years)	\$ 68,423	\$ -	\$ -				
Streets Vehicles (7 years)	\$ 29,150	\$ 41,770	\$ 25,289				
Utilities Vehicles (5 years)	\$ 12,000	\$ -	\$ -				
Police Vehicles (3 years)	\$ 42,200	\$ 29,500	\$ 29,943				
New Cumulative Annual Debt Service	\$ 151,773	\$ 223,043	\$ 278,275	\$ 236,075	\$ 93,712	\$ 68,423	\$ -

As CIP projects are completed through FY 2022 – FY 2024, new cumulative annual debt service rises. That number then falls in the years following as debt service obligations are paid off. The majority of debt service in this CIP will be paid-off by 2030, leaving only one year of payments on FY24 Streets vehicles and the remainder of payments for the new Streets Department site.

The next table identifies each expenditure individually and details their costs in the 3-years of this CIP as well as the remaining costs and the total lengths of financing terms.

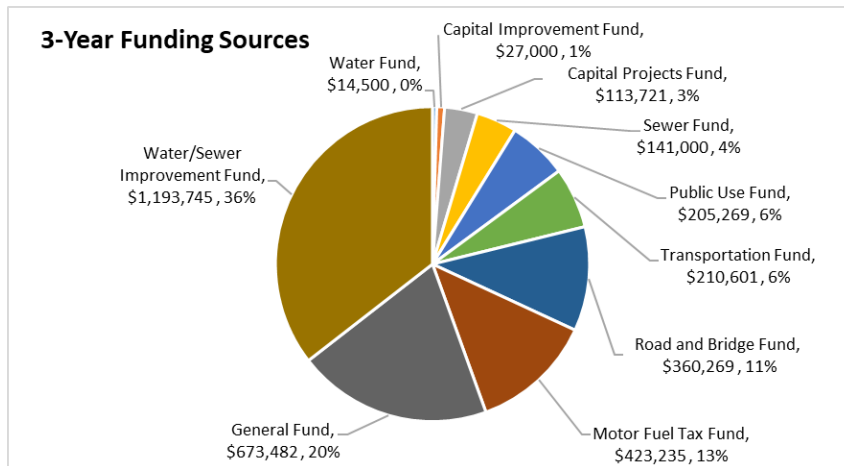
Project/Item	Department	Financing Term	FY22 Cost	FY23 Cost	FY24 Cost	Additional Cost	Total Cost
Replace Sweeper	Streets	7 years	\$ 75,200	\$ 29,150	\$ 29,150	\$ 116,500	\$ 250,000
New Streets Site	Streets	25 years	\$ 68,423	\$ 68,423	\$ 68,423	\$ 1,505,314	\$ 1,710,584
New 1-Ton Truck	Utilities	5 years	\$ 22,000	\$ 12,000	\$ 12,000	\$ 28,000	\$ 74,000
Replace Squad 87	Police	3 years	\$ 21,400	\$ 14,550	\$ 14,550	\$ 3,591	\$ 54,091
Replace Squad 86	Police	3 years	\$ 21,400	\$ 14,550	\$ 14,550	\$ 3,650	\$ 54,150
Replace Squad 82 (old)	Police	3 years	\$ 19,100	\$ 13,100	\$ 13,100	\$ 3,500	\$ 48,800
Replace Snow Plow	Streets	7 years	\$ -	\$ 50,819	\$ 21,892	\$ 114,935	\$ 187,646
New Wheel Loader	Streets	7 years	\$ -	\$ 46,143	\$ 19,878	\$ 104,359	\$ 170,379
Replace Squad 88	Police	3 years	\$ -	\$ 21,750	\$ 14,750	\$ 18,500	\$ 55,000
Replace Squad 89	Police	3 years	\$ -	\$ 21,750	\$ 14,750	\$ 18,500	\$ 55,000
Replace Snow Plow	Streets	7 years	\$ -	\$ -	\$ 51,582	\$ 138,879	\$ 190,461
New 1-Ton Dump Truck	Streets	7 years	\$ -	\$ -	\$ 26,690	\$ 71,862	\$ 98,552
Replace Squad 84	Police	3 years	\$ -	\$ -	\$ 22,200	\$ 33,600	\$ 55,800
Replace Squad 85	Police	3 years	\$ -	\$ -	\$ 22,200	\$ 33,600	\$ 55,800
Totals			\$ 227,523	\$ 292,236	\$345,715	\$ 2,194,789	\$ 3,060,264

FUNDING SUMMARY

How are Projects Funded?

As noted in the Spending Summary, the CIP is funded through many sources, including state and federal grants, Village operating funds, and 7 capital / special revenue funds. Each fund is tied to specific revenue sources, such as a tax or fee, which may restrict what the money can be used for. The Transportation Fund for example holds revenue from the transportation impact fee that is required to be spent on transportation-related projects needed because of new development. Since certain funds have restrictions like this, multifaceted projects (e.g., repaving a road and replacing the water main underneath it) may be funded by multiple sources as detailed in each project sheet. Together, these funds are the financial support for the CIP.

3-Year CIP Funding



This CIP is funded through 10 separate funds, 3 of which are the Village’s main operating funds. The Water/Sewer Capital Improvement Fund accounts for 36% of the 3-year funding, and it mainly pays for Infrastructure and Utilities Plant and Equipment projects.

The General Fund accounts for another 20% of funding and is used to pay for the vast

majority of vehicle expenses (snow plows, police squads, etc.) as well as for Streets and Police Plan and Equipment. The next section includes a special discussion about the CIP’s impact on general fund.

The Motor Fuel Tax Fund, at 13% of funding, will fund the majority of the Rt. 72 and State Street intersection improvements, mostly through the Rebuild Illinois grant funds from IDOT, as well as almost half of the infrastructure project on Centennial Dr in FY23.

The Road and Bridge Fund accounts for another 11% of the plan and is used for road improvement projects in the CIP.

The Transportation Fund accounts for 6% of 3-year funding, and it will be used to fund the first year costs for the new sweeper in FY 2022 as well as several down payments on Streets Dept. vehicles needed for road maintenance.

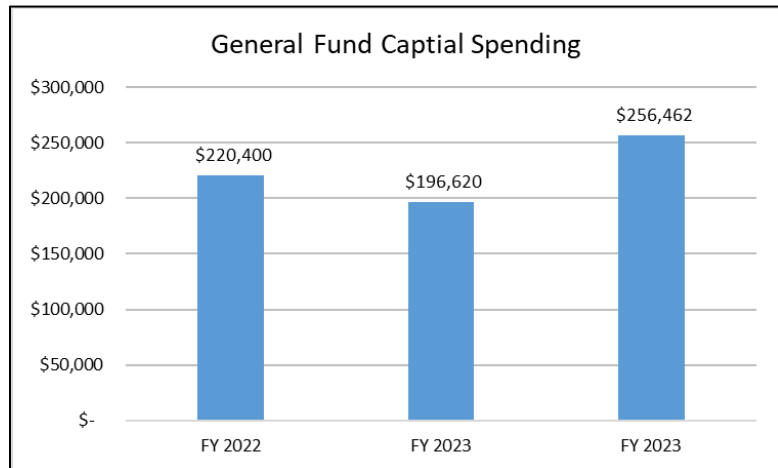
The Public Use Fund, at 6% of 3-year funding, is planned to pay for only one project in the CIP: the new Streets Department site. However, this fund has also been used to make payments on the TIF bond, which is scheduled to increase substantially in FY 2025, so the funding for the new Streets site may change in future years.

The remaining four funds each account for less than 5% of the 3-year CIP funding, and they are used for several miscellaneous projects.

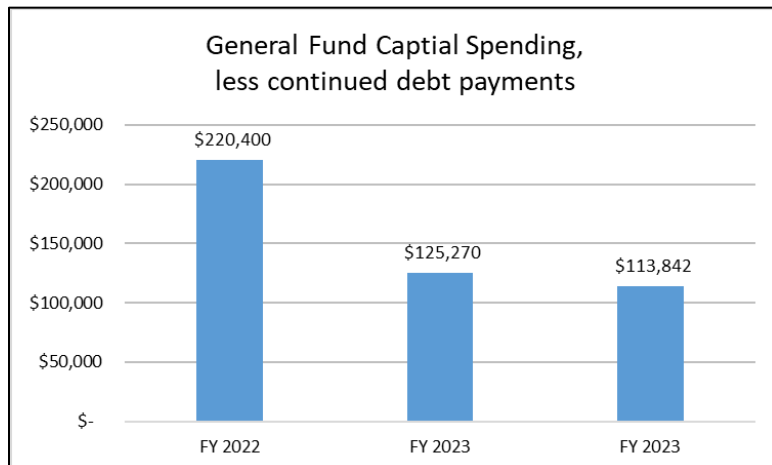
Special Note on the General Fund

The General fund is the largest operating fund in the Village’s finances. It includes many revenue sources (property tax, sales tax, permit fees, etc.), and it funds expenditures for the Streets, Police, and Administration departments. In the past, these expenditures have included much of the capital spending. Now that the Village has a formal capital improvement plan, much of the capital spending will be shifted to the capital / special revenue funds that are meant for such spending. However, due to the restricted nature of many of the capital funds, the General Fund must continue to be a source of funding for capital spending.

The chart to the right shows how this 3-year CIP impacts the General Fund each year. FY22 is slightly higher than FY23 because of a one-time Police P&E expenditure of \$62,000 to upgrade the radio communications platform as required to match Kane County. Without that outlier, each year’s spending is roughly similar except that debt service continues to cumulate with each new vehicle purchased across the years.



In fact, looking at new expenditures only, spending in the General Fund actually decreases across the 3 years, as shown below. FY22 is much higher due to the purchase of 3 police squads compared to 2 in FY23 and FY24 as well as the required \$62,000 communications upgrade for the Police Department.



While the Water and Sewer Funds are also operating funds that will be used to fund some capital spending, they are not impacted nearly as much as the General Fund in the 3-year CIP.

PROJECTS SUMMARY

Each of the following subsections summarize which projects will be in the three fiscal years in this CIP. Each project is shown with the cost in each fiscal year as well as any additional costs that the Village will be obligated to in following years. The right-most column shows the total cost of the project.

Infrastructure*

Project	FY22 Cost	FY23 Cost	FY24 Cost	Additional Cost	Total Cost
Rt. 72 and State Intersection	\$ 537,135	\$ -	\$ -	\$ -	\$ 537,135
Julie from Elm to Centennial	\$ 172,500	\$ -	\$ -	\$ -	\$ 172,500
Municipal Parking Lots	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000
Rt. 72 near Casey's	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
Centennial from Rt. 72 to Panama	\$ -	\$ 198,600	\$ -	\$ -	\$ 198,600
Elm from Grove to Jackson	\$ -	\$ -	\$ 170,735	\$ -	\$ 170,735
Infrastructure Total	\$ 834,635	\$ 198,600	\$ 170,735	\$ -	\$ 1,203,970

*see Appendix A for information about a potential infrastructure bond

Vehicles

Vehicle	Department	FY22 Cost	FY23 Cost	FY24 Cost	Additional Cost	Total Cost
Replace Sweeper	Streets	\$ 75,200	\$ 29,150	\$ 29,150	\$ 116,500	\$ 250,000
Replace Squad 87	Police	\$ 21,400	\$ 14,550	\$ 14,550	\$ 3,591	\$ 54,091
Replace Squad 82 (old)	Police	\$ 19,100	\$ 13,100	\$ 13,100	\$ 3,500	\$ 48,800
Replace Squad 86	Police	\$ 21,400	\$ 14,550	\$ 14,550	\$ 3,650	\$ 54,150
New Gator	Streets	\$ 16,500	\$ -	\$ -	\$ -	\$ 16,500
New 1-Ton Truck	Utilities	\$ 22,000	\$ 12,000	\$ 12,000	\$ 28,000	\$ 74,000
Replace Snow Plow	Streets	\$ -	\$ 50,819	\$ 21,892	\$ 114,935	\$ 187,646
New Wheel Loader	Streets	\$ -	\$ 46,143	\$ 19,878	\$ 104,359	\$ 170,379
Replace Squad 88	Police	\$ -	\$ 21,750	\$ 14,750	\$ 18,500	\$ 55,000
Replace Squad 89	Police	\$ -	\$ 21,750	\$ 14,750	\$ 18,500	\$ 55,000
Replace Snow Plow	Streets	\$ -	\$ -	\$ 51,582	\$ 138,879	\$ 190,461
New 1-Ton Dump Truck	Streets	\$ -	\$ -	\$ 26,690	\$ 71,862	\$ 98,552
Replace Squad 84	Police	\$ -	\$ -	\$ 22,200	\$ 33,600	\$ 55,800
Replace Squad 85	Police	\$ -	\$ -	\$ 22,200	\$ 33,600	\$ 55,800
Vehicles Total		\$ 175,600	\$ 223,812	\$ 277,292	\$ 689,476	\$ 1,366,180

Streets vehicles are based on financing for 7 years at 3.1% APR.

Police vehicles are based on financing for 3 years at 2.85% APR.

Utilities vehicles are based on financing for 7 years at 2.5% APR.

Buildings

Item	FY22 Cost	FY23 Cost	FY 24 Cost	Additional Cost	Total Cost
New Streets Dept. Site*	\$ 68,423	\$ 68,423	\$ 68,423	\$ 1,505,314	\$ 1,710,584
Village Hall Improvements	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
Buildings Total	\$ 98,423	\$ 68,423	\$ 68,423	\$ 1,505,314	\$ 1,740,584

*based on financing \$1.3 million at 2.3% for 25 years (assumes \$200,000 in revenue from selling the old site)

Streets Dept. Plant and Equipment

Item	FY22 Cost	FY23 Cost	FY 24 Cost	Additional Cost	Total Cost
New Wiring for Downtown Street Lights	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
New Salt Bin with Pad	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Village Sign at Henpeck Park	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
Village Clock Installation	\$ 12,000	\$ -	\$ -	\$ -	\$ 12,000
Construction Trailer	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000
Asphalt Hopper	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000
New Wiring for Romke Rd Street Lights	\$ -	\$ -	\$ 16,783	\$ -	\$ 16,783
Ditch Mower Attachment	\$ -	\$ -	\$ 16,000	\$ -	\$ 16,000
New Wiring for Industrial Sign	\$ -	\$ -	\$ 12,598	\$ -	\$ 12,598
Quick-N-Easy Shouldermachine	\$ -	\$ -	\$ 10,000	\$ -	\$ 10,000
Streets P&E Total	\$ 157,000	\$ 40,000	\$ 55,381	\$ -	\$ 252,381

Utilities Dept. Plant and Equipment

Item	FY22 Cost	FY23 Cost	FY24 Cost	Additional Cost	Total Cost
Transient Voltage Surge Suppression (9)	\$ 135,000	\$ -	\$ -	\$ -	\$ 135,000
New LS Pumps - (2) McDonalds, (2) Elgiloy	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
Valve Exerciser and Software	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Well 7 Media Exchange	\$ 32,000	\$ -	\$ -	\$ -	\$ 32,000
Risk and Resilience Report / Emergency Plan	\$ 14,500	\$ -	\$ -	\$ -	\$ 14,500
Channel Grinder - Harmony Pump Station	\$ -	\$ 165,000	\$ -	\$ -	\$ 165,000
WTP 9 Rehab (Media Replacement)	\$ -	\$ 140,000	\$ -	\$ -	\$ 140,000
Operating Platform Upgrade	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
WTP 10/13 Rehab (Media Replacement)	\$ -	\$ -	\$ 165,000	\$ -	\$ 165,000
Transient Voltage Surge Suppression (7)	\$ -	\$ -	\$ 105,000	\$ -	\$ 105,000
Utilities P&E Total	\$ 291,500	\$ 355,000	\$ 270,000	\$ -	\$ 916,500

Police Dept. Plant and Equipment

Item	FY22 Cost	FY23 Cost	FY24 Cost	Additional Cost	Total Cost
STARCOM Radio Platform Transition	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000
Police P&E Total	\$ 62,000	\$ -	\$ -	\$ -	\$ 62,000

Grand Total

	FY 2022 Cost	FY 2023 Cost	FY 2024 Cost	Additional Cost	Grand Total
Grand Total	\$1,619,158	\$885,836	\$841,831	\$1,620,255	\$4,967,080

CAPITAL FUNDS CASH FLOWS

Summary

The CIP uses 7 capital / special revenue funds to fund nearly 75% of the projects and expenditures. The table below depicts a summary cash flow projected for each of these funds over the 3-year plan.

Fund Name	FY 2022 Start Balance	Revenue	CIP Projects Costs	Other Obligations	FY 2024 End Balance
Water/Sewer Improvement Fund	\$ 731,878	\$ 1,059,831	\$ 1,193,745	\$ 115,739	\$ 482,225
Motor Fuel Tax Fund	\$ 716,507	\$ 1,209,109	\$ 423,235	\$ 1,426,430	\$ 75,951
Road and Bridge Fund	\$ 144,724	\$ 309,043	\$ 360,269	\$ -	\$ 93,498
Transportation Fund	\$ 1,053,462	\$ 402,619	\$ 210,601	\$ -	\$ 1,245,480
Public Use Fund	\$ 350,199	\$ 170,980	\$ 205,269	\$ 75,000	\$ 240,910
Capital Projects Fund	\$ 113,721	\$ -	\$ 113,721	\$ -	\$ -
Capital Improvement Fund	\$ 113,000	\$ -	\$ 27,000	\$ -	\$ 86,000

Note that this table only includes funding for the 3-year plan. The additional costs beyond 3 years (i.e., debt payments) are not reflected in these numbers.

The following sections describe each capital fund used to pay for the expenditures in the CIP, including the actual revenue sources tied to funds and a projected cash-flow.

Water/Sewer Capital Improvement Fund

Revenue Source: water/sewer improvement charges paid with each water bill

Year	Start Balance	Revenue	CIP Expenditures	Other Obligations	End Balance
FY 2022	\$ 731,878	Total \$ 344,372	Total \$ 420,779	Total \$ 115,739	\$ 539,732
		W/S Improvement Charge \$ 344,372	Rt. 72 and State Intersection \$ 212,500 Rt. 72 Water Main Relocate \$ 26,279 TVSS \$ 100,000 Valve Exerciser \$ 50,000 Well 7 Media Exchange \$ 32,000	Transfer to Close Fund 35 \$ 115,739	
FY 2023	\$ 539,732	Total \$ 352,364	Total \$ 355,000	Total \$ -	\$ 537,096
		W/S Improvement Charge \$ 352,364	Channel Grinder \$ 165,000 WTP 9 Media Exchange \$ 140,000 Operating Platform Upgrade \$ 50,000		
FY 2024	\$ 537,096	Total \$ 363,095	Total \$ 417,966	Total \$ -	\$ 482,225
		W/S Improvement Charge \$ 363,095	Elm \$ 147,966 WTP 10/13 Media Exchange \$ 165,000 TVSS \$ 105,000		

Motor Fuel Tax Fund

Revenue Source: distribution of statewide motor fuel tax revenue (based on population)

Year	Start Balance	Revenue	CIP Expenditures	Other Obligations	End Balance
FY 2022	\$ 716,507	Total \$ 409,109	Total \$ 324,635	Total \$ 726,430	\$ 74,551
		Motor Fuel Tax \$ 409,109	Rt. 72 & State Intersection \$ 324,635	Road Salt \$ 250,000	
		Rebuild Illinois \$ 122,000		Streets Dept. Salaries \$ 476,430	
FY 2023	\$ 74,551	Total \$ 400,000	Total \$ 98,600	Total \$ 350,000	\$ 25,951
		Motor Fuel Tax \$ 400,000	Centennial \$ 98,600	Road Salt \$ 250,000	
		Rebuild Illinois \$ 122,000		Streets Dept. Salaries \$ 100,000	
FY 2024	\$ 25,951	Total \$ 400,000	Total \$ -	Total \$ 350,000	\$ 75,951
		Motor Fuel Tax \$ 400,000		Road Salt \$ 250,000	
				Streets Dept. Salaries \$ 100,000	

Road and Bridge Fund

Revenue Source: property taxes transferred from Hampshire Township

Year	Start Balance	Revenue	CIP Expenditures	Other Obligations	End Balance
FY 2022	\$ 144,724	Total \$ 109,043	Total \$ 237,500	Total \$ -	\$ 16,267
		Property Tax \$ 109,043	Julie \$ 172,500		
			Parking Lots \$ 65,000		
FY 2023	\$ 16,267	Total \$ 100,000	Total \$ 100,000	Total \$ -	\$ 16,267
		Property Tax \$ 100,000	Centennial \$ 100,000		
FY 2024	\$ 16,267	Total \$ 100,000	Total \$ 22,769	Total \$ -	\$ 93,498
		Property Tax \$ 100,000	Elm \$ 22,769		

Transportation Fund

Revenue Source: transportation impact fees paid by new development

Year	Start Balance	Revenue	CIP Expenditures	Other Obligations	End Balance
FY 2022	\$ 1,053,462	Total \$ 89,980	Total \$ 75,200	Total \$ -	\$ 1,068,242
		Transportation Impact Fees \$ 89,980	Sweeper (first year only) \$ 75,200		
FY 2023	\$ 1,068,242	Total \$ 144,295	Total \$ 82,418	Total \$ -	\$ 1,130,119
		Transportation Impact Fees \$ 144,295	Snow Plow \$ 34,400		
			Wheel Loader \$ 31,235		
		Wiring for Romke Street Lights \$ 16,783			
FY 2024	\$ 1,130,119	Total \$ 168,344	Total \$ 52,983	Total \$ -	\$ 1,245,480
		Transportation Impact Fees \$ 168,344	Snow Plow \$ 34,916		
			Dump Truck \$ 18,067		

Public Use Fund

Revenue Source: public use impact fees from new development

Year	Start Balance	Revenue	CIP Expenditures	Other Obligations	End Balance
FY 2022	\$ 350,199	Total \$ 39,260	Total \$ 68,423	Total \$ 25,000	\$ 296,036
		Public Use Impact Fees \$ 39,260	New Streets Site \$ 68,423	TIF Bond Payment \$ 25,000	
FY 2023	\$ 296,036	Total \$ 60,520	Total \$ 68,423	Total \$ 25,000	\$ 263,133
		Public Use Impact Fees \$ 60,520	New Streets Site \$ 68,423	TIF Bond Payment \$ 25,000	
FY 2024	\$ 263,133	Total \$ 71,200	Total \$ 68,423	Total \$ 25,000	\$ 240,910
		Public Use Impact Fees \$ 71,200	New Streets Site \$ 68,423	TIF Bond Payment \$ 25,000	

Capital Projects Fund

Revenue Source: transfers from other funds (to be inactivated)

Year	Start Balance	Revenue	CIP Expenditures	Other Obligations	End Balance
FY 2022	\$ 113,721	Total \$ -	Total \$ 113,721	Total \$ -	\$ -
			Downtown Streetlights \$ 80,000 Rt. 72 Water Main Relocate \$ 33,721		
FY 2023	\$ -	Total \$ -	Total \$ -	Total \$ -	\$ -
FY 2024	\$ -	Total \$ -	Total \$ -	Total \$ -	\$ -

Capital Projects Fund

Revenue Source: transfers from the General Fund

Year	Start Balance	Revenue	CIP Expenditures	Other Obligations	End Balance
FY 2022	\$ 113,000	Total \$ -	Total \$ 27,000	Total \$ -	\$ 86,000
		General Fund \$ -	Village Clock on State St. \$ 12,000 Village Sign at Henpeck \$ 15,000		
FY 2023	\$ 86,000	Total \$ -	Total \$ -	Total \$ -	\$ 86,000
		General Fund \$ -			
FY 2024	\$ 86,000	Total \$ -	Total \$ -	Total \$ -	\$ 86,000
		General Fund \$ -			

INFRASTRUCTURE – 22-1

Rt. 72 & State Street Intersection

Project Type: Replacement / Upgrade

Total Cost: \$537,135

Department: Streets / Utilities

Funding Source: Motor Fuel Tax Fund

W/S Cap. Improvement Fund

Location

Intersection of Rt. 72 and State Street

Description

This IDOT project will include several improvements: adding new stormwater culverts to reduce flooding, replacing inadequate water and sewer lines, adding roadway lighting, slightly reconfiguring the intersection geometry to allow for safer traffic, adding crosswalks along the southern and eastern sides of the intersection, adding a 10' path along Rt. 72 in front of the strip mall that connects to the new crosswalk, and connecting the existing sidewalk north of the intersection to the new crosswalk.

Justification

The Village is required to participate in certain parts of this IDOT project. The Village Board, after staff's recommendation to do so, elected to attend to other infrastructure needs while the roadway is closed and other underground work is being completed in order to avoid multiple traffic shutdowns and repeated work in the future when replacing the inadequate infrastructure became a necessity.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$537,135	\$0	\$0	\$0	\$537,135

Funding

Motor Fuel Tax Fund (including Rebuild Illinois Grant)

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$324,635	\$0	\$0	\$0	\$324,635

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$212,500	\$0	\$0	\$0	\$212,500

INFRASTRUCTURE – 22-2

Julie Ln.

Project Type: Replacement / Upgrade

Total Cost: \$172,500

Department: Streets

Funding Source: Road and Bridge Fund

Location

Julie Ln. from Elm to Centennial

Description

This project will resurface the roadway in the identified location.

Justification

The Streets supervisor and engineering consultants identified this project as an extremely high priority due to the very poor condition of the roadway.

Costs

FY 2022	FY 2023	FY 2024	Additional	Total
\$172,500	\$0	\$0	\$0	\$172,500

Funding

Road and Bridge Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$172,500	\$0	\$0	\$0	\$172,500

INFRASTRUCTURE – 22-3

Municipal Parking Lots

Project Type: Replacement / Upgrade

Total Cost: \$65,000

Department: Streets / Utilities

Funding Source: Road and Bridge Fund

Location

Two municipal parking lots on Washington next to the post office and on the corner of Rinn and Park.

Description

This project will repave the two municipal parking lots.

Justification

The municipal parking lots are anticipated to receive much more use in FY22 due to the closure of State Street during the Streetscape project.

Costs

FY 2022	FY 2023	FY 2024	Additional	Total
\$65,000	\$0	\$0	\$0	\$65,000

Funding

Road and Bridge Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$65,000	\$0	\$0	\$0	\$65,000

INFRASTRUCTURE – 22-4

Rt. 72 Water Main Relocate

Project Type: Replacement / Upgrade

Total Cost: \$60,000

Department: Utilities

Funding Source: Capital Projects Fund

W/S Capital Improvement Fund

Location

North side of Rt. 72 in the vacant land west of Casey’s

Description

This project will add a new water main that will replace an existing water main.

Justification

The Utilities supervisor has identified this section of water main as a particularly weak link in the central system. It has broken several times, and the utilities staff has been operating only one of two wells at a time in an effort to keep this water main from breaking due to changes in pressure when the system automatically switches between wells. In the emergency that one well stops working or needs to be shut off, the other well must be directed to start rather than coming on automatically. Fixing this water main will allow the system to return to normal automatic operation.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$60,000	\$0	\$0	\$0	\$60,000

Funding

Capital Projects Fund

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$33,721	\$0	\$0	\$0	\$33,721

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$26,279	\$0	\$0	\$0	\$29,279

INFRASTRUCTURE – 23-1

Centennial Dr.

Project Type: Replacement / Upgrade

Total Cost: \$198,600

Department: Streets

Funding Source: Road and Bridge Fund
Motor Fuel Tax Fund

Location

Centennial Dr. from Rt. 72 to Panama

Description

This project will reconstruct the roadway in the identified location.

Justification

The Streets supervisor identified this project as a high priority due to the very poor condition of the roadway surface and the fact that it is a high-traffic street.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total Cost
\$0	\$198,600	\$0	\$0	\$198,600

Funding

Road and Bridge Fund

FY 2022	FY 2023	FY 2024	Additional	Cost
\$0	\$100,000	\$0	\$0	\$100,000

Motor Fuel Tax Fund

FY 2022	FY 2023	FY 2024	Additional	Cost
\$0	\$98,600	\$0	\$0	\$98,600

INFRASTRUCTURE – 24-1

Elm St.

Project Type: Replacement / Upgrade

Total Cost: \$170,735

Department: Streets & Utilities

Funding Source: Road and Bridge Fund
W/S Capital Improvement Fund

Location

Elm St. from Grove to Jackson

Description

This project will resurface the roadway in the identified location as well as replace the water main.

Justification

The Streets supervisor and Utilities supervisor identified this project as a high priority due to the very poor condition of the roadway and the undersized and old water main.

Costs

FY 2022	FY 2023	FY 2024	Additional	Total Cost
\$0	\$0	\$170,735	\$0	\$170,735

Funding

Road and Bridge Fund

FY 2022	FY 2023	FY 2024	Additional	Total Cost
\$0	\$0	\$22,769	\$0	\$22,769

Water & Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total Cost
\$0	\$0	\$147,966	\$0	\$147,966

VEHICLES – 22-1

Street Sweeper Replacement

Project Type: Replacement / Upgrade
Department: Streets

Total Cost: \$250,000
Funding Source: General Fund
Transportation Fund

Description

A street sweeper is a large vehicle used by the Streets Department to remove debris and litter from Village streets, including leaves. The specific sweeper the Streets Supervisor has identified for purchase is a 2019 Schwarze A9 Monsoon Sweeper on a Freightliner Chassis. It is a demo unit, meaning it comes fully loaded, including an attachment to clean storm sewer catch basins.

Justification

Currently, the Village has a 1997 Johnston Sweeper on a Ford Chassis that is tired and worn out to the point where finding parts is very difficult and expensive. The current sweeper has cracked in several places, requiring patchwork to keep it operational. The new sweeper will cut the time for sweeping significantly which will allow the Streets Department to get more of the Village streets done. The attached storm sewer catch basin cleaner will be used throughout spring, summer and fall to keep the Village storm sewers healthy and draining properly.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$77,210	\$31,410	\$31,410	\$88,970	\$250,000

Costs are based on 20% down and monthly loan payments, assuming a 7-year loan with 3.1% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$29,150	\$29,150	\$116,500	\$174,800

Transportation Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$75,200	\$0	\$0	\$0	\$75,200

VEHICLES – 22-2, 3, & 4

Police Squads (3)

Project Type: Replacement / Upgrade

Total Cost: \$157,041

Department: Police

Funding Source: General Fund

Description

The Village’s Police Department is transitioning its squad cars to Ford Explorers as the current vehicles reach the point of replacement. These three new squads will replace three Dodge Chargers, specifically:

<u>Squad Number</u>	<u>Year</u>	<u>Milage</u>
• Squad 82 (old)	2015	115,500
• Squad 86	2014	119,500
• Squad 87	2017	121,000

Justification

Police squad cars across the country generally have a useful life of 3-5 years or 75,000 – 100,000 miles. Beyond that, the vehicles start to have major failures that take them out of service for work. While the cost of repairs may not be as high as payments on a new vehicle, vehicles that reach this point are no longer reliable for the use needed by police officers (e.g., high speeds, sudden acceleration, hard braking, etc.). All three of the current squads to be replaced have reached this point.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$61,900	\$42,200	\$42,200	\$10,741	\$157,041

Costs are based on 20% down and monthly loan payments, assuming a 3-year loan with 2.85% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$61,900	\$42,200	\$42,200	\$10,741	\$157,041

VEHICLES – 22-5

Gator

Project Type: New Item

Total Cost: \$16,500

Department: Streets

Funding Source: General Fund

Description

A gator is a small, all-terrain utility vehicle. Gators typically feature a box bed, similar in function to a pickup truck, that can be used for hauling or as an electronic dump body.

Justification

The small, all-terrain nature of a gator would allow Streets personnel to access tighter areas on rough terrain that larger vehicles cannot. For example, a sprayer could be set in the bed and hooked up electronically so an employee could drive around detention ponds to spray herbicides as part of the Village’s pond maintenance program.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$16,500	\$0	\$0	\$0	\$16,500

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$16,500	\$0	\$0	\$0	\$16,500

VEHICLES – 22-6

1-Ton Truck

Project Type: New Item

Total Cost: \$74,000

Department: Utilities

Funding Source: Sewer Fund

Description

There has been no specific vehicle identified, but the Utilities Supervisor intends to procure a one-ton pick-up truck (e.g., Ram 3500) with a snow plow prep package.

Justification

The FY 2022 budget includes a new headcount for the Utilities Department, which will require an additional vehicle for that employee. This truck will also be used to plow snow in utilities areas as needed in the winter.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$22,000	\$12,000	\$12,000	\$28,000	\$74,000

Costs are based on 20% down and monthly loan payments, assuming a 5-year loan with 2.5% APR.

Funding

Sewer Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$22,000	\$12,000	\$12,000	\$28,000	\$74,000

VEHICLES – 23-1

Snow Plow Replacement

Project Type: Replacement / Upgrade

Total Cost: \$187,646

Department: Streets

Funding Source: General Fund

Transportation Fund

Description

New Freightliner snow plow, model 108-SD, with a Henderson snow package

Justification

The Streets Department currently operates 8 full-size snow plow trucks during winter events. Two of those trucks are beyond their useful lives and are requiring significant costs for maintenance and repairs, which also make them unreliable since they can break down at any time. This new truck specifically would replace the oldest current truck – a 2003 International 7400 that has cost over \$55,000 in maintenance and repairs, 62% of which has been in the last 5 years. Most recently, the 2003 International exploded hot oil into the cab of the truck. Fortunately, no one was inside at the time.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$56,292	\$21,892	\$109,461	\$187,646

Costs are based on 20% down and monthly loan payments, assuming a 7-year loan with 3.1% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$21,892	\$21,892	\$109,461	\$153,246

Transportation Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$34,400	\$0	\$0	\$34,400

VEHICLES – 23-2

Wheel Loader

Project Type: New Item

Total Cost: \$170,379

Department: Streets

Funding Source: General Fund

Transportation Fund

Description

A wheel loader is a heavy equipment vehicle used to move or load materials such as salt, soil, rock, sand, demolition debris, etc. The specific wheel loader for purchase will be a Komatsu WA-200.

Justification

The Streets Department currently operates a backhoe loader, but loading salt with it currently takes 43 buckets to load all the trucks, which is a very lengthy process when the trucks need to be on the roads clearing snow. The current backhoe also has many exposed moving parts that should not be exposed to the salt. The new wheel loader has a much larger bucket and is much better protected from the salt. It will allow for loading work to go much faster and for the backhoe loader to be reassigned to other work it is better suited for. Work associated with the new machine will include asphalt removal and repair, gravel and ditch work, loading salt, grading, pushing back snowdrifts, and more.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$51,112	\$19,878	\$99,389	\$170,379

Costs are based on 20% down and monthly loan payments, assuming a 7-year loan with 3.1% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$19,878	\$19,878	\$99,389	\$139,144

Transportation Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$31,235	\$0	\$0	\$31,235

VEHICLES – 23-3 & 4

Police Squads (2)

Project Type: Replacement / Upgrade

Total Cost: \$110,000

Department: Police

Funding Source: General Fund

Description

The Village’s Police Department is transitioning its squad cars to Ford Explorers as the current vehicles reach the point of replacement. These three new squads will replace two Dodge Chargers, specifically:

<u>Squad Number</u>	<u>Year</u>	<u>Milage</u>
• Squad 88	2017	85,500
• Squad 89	2016	100,000

Justification

Police squad cars across the country generally have a useful life of 3-5 years or 75,000 – 100,000 miles. Beyond that, the vehicles start to have major failures that take them out of service for work. While the cost of repairs may not be as high as payments on a new vehicle, vehicles that reach this point are no longer reliable for the use needed by police officers (e.g., high speeds, sudden acceleration, hard braking, etc.). Both of the current squads to be replaced have reached this point.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$43,500	\$29,500	\$37,000	\$110,000

Costs are based on 20% down and monthly loan payments, assuming a 3-year loan with 2.85% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$43,500	\$29,500	\$37,000	\$110,000

VEHICLES – 24-1

Snow Plow Replacement

Project Type: Replacement / Upgrade

Total Cost: \$190,461

Department: Streets

Funding Source: General Fund

Transportation Fund

Description

New Freightliner snow plow, model 108-SD, with a Henderson snow package

Justification

The Streets Department currently operates 8 full-size snow plow trucks during winter events. Two of those trucks are beyond their useful lives and are requiring significant costs for maintenance and repairs, which also make them unreliable since they can break down at any time. The oldest truck is scheduled for replacement in FY 2023, so this new truck specifically would replace the second oldest current truck – a 2006 International 7400 that has cost nearly \$30,000 in maintenance and repairs, 74% of which has been in the last 5 years.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$57,137	\$133,324	\$190,461

Costs are based on 20% down and monthly loan payments, assuming a 7-year loan with 3.1% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$22,221	\$133,324	\$155,545

Transportation Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$34,916	\$0	\$34,916

VEHICLES – 24-2

1-Ton Dump Truck

Project Type: New Item

Total Cost: \$98,552

Department: Streets

Funding Source: General Fund

Transportation Fund

Description

A dump truck is a heavy pick-up style truck with a large dump box rather than a standard bed. It is used to haul materials such as soil, rock, sand, demolition debris, etc. and to pull large equipment that smaller trucks cannot handle. The specific truck for purchase will be a Ford F-550 with a Henderson dump box.

Justification

The Street Department currently has a 2017 F-550 dump truck that is use for multiple job assignments, but the department has the need for at least two dump trucks in the fleet for hauling materials and pulling heavy equipment. Having only one dump truck means the department constantly has to take equipment on and off instead of having a dedicated vehicle with dedicated equipment. For example, when they trim or remove trees, they must install the chipper box, and, when they need to haul materials, they must remove the chipper box which leaves them without the ability to continue trimming trees until the truck is done hauling. It is a versatile vehicle that would be used every day.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$26,690	\$71,862	\$98,552

Costs are based on 20% down and monthly loan payments, assuming a 7-year loan with 3.1% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$8,623	\$71,862	\$80,485

Transportation Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$18,067	\$0	\$18,067

VEHICLES – 24-3 & 4

Police Squads (2)

Project Type: Replacement / Upgrade
Department: Police

Total Cost: \$111,600
Funding Source: General Fund

Description

The Village’s Police Department is transitioning its squad cars to Ford Explorers as the current vehicles reach the point of replacement. These three new squads will replace one Dodge Chargers and one of the first Ford Explorers purchased by the Village, specifically:

<u>Squad Number</u>	<u>Year</u>	<u>Milage</u>
• Squad 84	2016	59,000
• Squad 85	2018	78,500

Justification

Police squad cars across the country generally have a useful life of 3-5 years or 75,000 – 100,000 miles. Beyond that, the vehicles start to have major failures that take them out of service for work. While the cost of repairs may not be as high as payments on a new vehicle, vehicles that reach this point are no longer reliable for the use needed by police officers (e.g., high speeds, sudden acceleration, hard braking, etc.). Both of the current squads to be replaced will have reached this point.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$44,400	\$67,200	\$111,600

Costs are based on 20% down and monthly loan payments, assuming a 3-year loan with 2.85% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$44,400	\$67,200	\$111,600

BUILDINGS – 22-1

New Streets Dept. Site

Project Type: Replacement / Upgrade
Department: Streets

Total Cost: \$1,710,600
Funding Source: Public Use Fund

Location

The proposed site would be located on the west side of Rowell Rd. north of the creek.

Description

The proposed site will completely relocate the Streets department to a new facility. Stanley Machining & Tool has offered to donate 5 acres on Rowell Road and build an 18,000 sqft building at an all-in cost of \$1.5 Million, with interest over the financing period. The Village expects to earn \$200,000 from the sale of the current Streets department site. Stanley will build the building and finance the sale to the Village without collateral since state statute prevents the Village from doing so. More details about this project can be found in Appendix A, the Buildings Subplan.

Justification

As has been noted by several Trustees, the current Streets department site is inadequate for the Village’s current and future needs. There is not enough space to store the very expensive vehicles and equipment, so they are constantly exposed to the elements. The current garage is reaching the end of its useful life and will need replaced or major rehabilitation soon. The site layout is not conducive to moving or parking large vehicles, equipment, and materials or to expansion since the floodplain bordering the site would require extensive and costly earthwork before new/larger buildings could be built. All of these major issues, along with several more minor ones, will be addressed with the proposed site on Rowell with a financing deal the Village is unlikely to find elsewhere.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$68,424	\$68,424	\$68,424	\$1,505,328	\$1,710,600

Fiscal year costs assume a 25-year financing period at 2.3% APR.

Funding

Public Use Fund

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$68,424	\$68,424	\$68,424	\$1,505,328	\$1,710,600

BUILDINGS – 22-2

Village Hall Improvements

Project Type: Replacement / Upgrade

Total Cost: \$30,000

Department: Administration

Funding Source: General Fund

Location

Village Hall – 234 S. State Street

Description

A longer-range plan for a new Village Hall is included in Appendix B – Buildings Subplan, but this \$30,000 will be used to make renovations to the existing building so as to bring it up to a good enough condition to last an additional 7 years. Work will include window replacements and repairs to the exterior of the south brick wall.

Justification

As discussed in greater detail in Appendix B – Buildings Subplan, the current Village Hall site will be used for at least another 7 years. The current condition of the building is a moderate state of disrepair. The south brick wall is crumbling, the windows are very old and are very inefficient for heating and cooling, the front entrance door frame is cracking, etc. While the current building is not recommended for long-term use due to its small size and the need for major renovations (e.g., installing an elevator), spending this money will allow for it to be good enough for a little while longer.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$30,000	\$0	\$0	\$0	\$30,000

Fiscal year costs assume a 25-year financing period at 2.3% APR.

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$30,000	\$0	\$0	\$0	\$30,000

STREETS P&E – 22-1

Wiring for Downtown Street Lights

Project Type: Replacement / Upgrade

Total Cost: \$80,000

Department: Streets

Funding Source: Capital Projects Fund

Description

New wiring and conduit for downtown street lights that are not part of the new lighting included in the upcoming Streetscape project.

Justification

The Village completed an infrastructure project more than 10 years ago that damaged the underground wiring for several street lights on State Street. As a temporary solution, the Streets Department worked with ComEd to get overhead wiring to power the lights. Now that the Streetscape project is coming, which will open the road up for work, the new electrical work for these lights will be done.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$80,000	\$0	\$0	\$0	\$80,000

Funding

Capital Projects Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$80,000	\$0	\$0	\$0	\$80,000

STREETS P&E – 22-2

New Salt Bin with Pad

Project Type: Replacement / Upgrade

Total Cost: \$50,000

Department: Streets

Funding Source: General Fund

Description

New large salt storage bin with concrete pad to replace the two small bins currently used.

Justification

The Streets Department stores road salt in covered, but not enclosed, “bins” that are made of concrete block sides and a tarp-like dome anchored into the blocks. The current dome covers are ripping, and the anchors are completely oxidized such that replacing just the domes would be impossible. The concrete block sides, which are not tall enough to effectively hold the salt piles, are starting to crumble as well.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$50,000	\$0	\$0	\$0	\$50,000

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$50,000	\$0	\$0	\$0	\$50,000

STREETS P&E – 22-3

Village Sign at Henpeck Park

Project Type: New Item

Total Cost: \$15,000

Department: Streets

Funding Source: Capital Improvements Fund

Description

New electronic ground sign located along Rt. 72 at Henpeck Park.

Justification

The Village Board has expressed a strong interest in having a Village-owned electronic sign on Rt. 72 for posting messages as opposed to asking the Chamber of Commerce to use its sign.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$15,000	\$0	\$0	\$0	\$15,000

Funding

Capital Improvements Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$15,000	\$0	\$0	\$0	\$15,000

STREETS P&E – 22-4

Village Clock Installation

Project Type: New Item

Total Cost: \$12,000

Department: Streets

Funding Source: Capital Improvements Fund

Description

Installation of Village Clock in conjunction with Streetscape.

Justification

The Village owns an ornate street clock that has been waiting to be installed, and it will be incorporated into the Streetscape plans.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$12,000	\$0	\$0	\$0	\$12,000

Funding

Capital Improvements Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$12,000	\$0	\$0	\$0	\$12,000

STREETS P&E – 23-1

Construction Trailer

Project Type: Replacement / Upgrade

Total Cost: \$20,000

Department: Streets

Funding Source: General Fund

Description

The construction trailer is a large, enclosed trailer used to haul equipment like mowers, the roller, the skid steer, etc. The specific trailer for purchase will be a Imperial Split Body Trailer with a 14,000lb GVWR or more.

Justification

The Streets Department currently uses a 2002 trailer that is falling apart just due to age and usage. There are rust holes in the wheel wells, and the platform is getting thin from rust. Soon, it will become a road hazard and may not be able to haul the heavier equipment.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$20,000	\$0	\$0	\$20,000

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$20,000	\$0	\$0	\$20,000

STREETS P&E – 23-2

Asphalt Hopper

Project Type: Replacement / Upgrade

Total Cost: \$20,000

Department: Streets

Funding Source: General Fund

Description

An asphalt hopper is a small, tow-behind piece of equipment that holds asphalt mix for patchwork.

Justification

The current hopper was purchased from another municipality after it had been used for years. Furthermore, it is essentially a small trailer with wooden sides that holds cold patch asphalt mix. It does not have the functionality for hot mix. The new hopper will make patchwork much more efficient and will allow for both hot and cold mix depending on the type needed.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$20,000	\$0	\$0	\$20,000

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$20,000	\$0	\$0	\$20,000

STREETS P&E – 24-1

Wiring for Romke Rd. Street Lights

Project Type: Replacement / Upgrade

Total Cost: \$16,783

Department: Streets

Funding Source: Transportation Fund

Description

New wiring and conduit for street lights on Romke Rd. in Tuscany Woods subdivision

Justification

The wiring for these street lights are starting to deteriorate, causing a risk of electrical hazard.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$16,783	\$0	\$16,783

Funding

Transportation Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$16,783	\$0	\$16,783

STREETS P&E – 24-2

Ditch Mower Attachment

Project Type: New Item

Total Cost: \$16,000

Department: Streets

Funding Source: General Fund

Description

A ditch mower attachment is a small piece of equipment, usually attached to a tractor, that has an arm extending down into a roadside ditch where the mower rolls to cut grass. The specific mower for purchase will be a Tiger RBF-150 boom mower.

Justification

The Streets Department does not have a ditch mower, so they currently use regular mowers for that work. Riding on an angle with a regular mower becomes more and more dangerous as the angle increases. Having a ditch mower attachment will allow mowing to be done more safely and more quickly. The ditch mower can also be used to mow near water where the current mowers cannot go because of how wet the ground is.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$16,000	\$0	\$16,000

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$16,000	\$0	\$16,000

STREETS P&E – 24-3

Wiring for the Industrial Sign

Project Type: Replacement / Upgrade
Department: Streets

Total Cost: \$12,598
Funding Source: General Fund

Description

New wiring and conduit for the industrial park sign on Rowell Rd.

Justification

The wiring for the sign are starting to deteriorate, causing a risk of electrical hazard.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$12,598	\$0	\$12,598

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$12,598	\$0	\$12,598

STREETS P&E – 24-4

Quick-N-Easy Shoulder Machine

Project Type: New Item

Total Cost: \$10,000

Department: Streets

Funding Source: General Fund

Description

A shoulder machine is a small piece of equipment that attaches to a truck carrying materials used to fill in and repair road shoulders by providing a chute from the truck to the shoulder to dump the materials in a controlled manner while the driver moves along the road.

Justification

The Streets Department does not have a shoulder machine, so shoulder repair work must be outsourced or with a very manual process. Thus, adding the new machine to the department will save time and money and will allow for needed repairs to be attended to sooner. Shouldering roadways are very important to save the edges of the pavement from cracking and breaking off.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$10,000	\$0	\$10,000

Funding

General Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$10,000	\$0	\$10,000

Utilities P&E – 22-1

Transient Voltage Surge Suppression (TVSS)

Project Type: New Item

Total Cost: \$135,000

Department: Utilities

Funding Source: Sewer Fund

W/S Capital Improvement Fund

Description

Addition of surge protection to 9 locations, including 5 lift stations, Well 9 DWTP, Well 13, and 2 backpressure / pressure relief valves.

Justification

The Utilities Supervisor has identified this project as a top priority to address one of the Village’s highest areas of risk. There is currently no surge suppression, leaving the utility system extremely vulnerable to failure at any time.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$135,000	\$0	\$0	\$0	\$135,000

Funding

Sewer Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$35,000	\$0	\$0	\$0	\$35,000

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$100,000	\$0	\$0	\$0	\$100,000

Utilities P&E – 22-2

New Lift Station Pumps

Project Type: Replacement / Upgrade

Total Cost: \$60,000

Department: Utilities

Funding Source: Sewer Fund

Description

Replacement of 4 lift station pumps, specifically, 2 at the McDonald’s LS and 2 at the Elgiloy LS.

Justification

The Utilities Supervisor identified this project as a high priority due to the condition of the current pumps at these locations. The pumps are aged and are starting to work inefficiently, causing problems in flow of the wastewater system.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$60,000	\$0	\$0	\$0	\$60,000

Funding

Sewer Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$60,000	\$0	\$0	\$0	\$60,000

Utilities P&E – 22-3

Valve Exerciser with Software

Project Type: New Item

Total Cost: \$50,000

Department: Utilities

Funding Source: W/S Cap. Improvement Fund

Description

Purchase of a water line valve exerciser and GPS software.

Justification

The Village has not exercised (opened and closed) the water line valves in years, which leaves the Utilities Department blind as to where problems might be occurring. Outsourcing this service would cost approximately \$28,000 to do the entire Village once, so this expenditure pays for itself within two cycles. Additionally, the GPS software used with this device will allow the Utilities Department to map out the water system much easier for better maintenance and emergency work.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$50,000	\$0	\$0	\$0	\$50,000

Funding

Water / Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$50,000	\$0	\$0	\$0	\$50,000

Utilities P&E – 22-4

Well 7 Media Exchange

Project Type: Replacement / Upgrade

Total Cost: \$32,000

Department: Utilities

Funding Source: W/S Cap. Improvement Fund

Description

The media (small foam-like balls) provides a surface for the ion-exchange process to take place during water treatment.

Justification

The current media is nearly deteriorated to nothing. If the media exchange does not occur, the treatment process will simply stop working, and the water will not be drinkable.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$32,000	\$0	\$0	\$0	\$32,000

Funding

Water / Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$32,000	\$0	\$0	\$0	\$32,000

Utilities P&E – 22-5

Mandated Risk and Resilience Report

Project Type: New
Department: Utilities

Total Cost: \$14,500
Funding Source: Water Fund

Description

Completion of a Risk and Resilience Report and Emergency Plan for the water system.

Justification

The IEPA has mandated that all communities complete the Risk and Resilience Report and Emergency Plan, and the Village Board has authorized EEI to complete it.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$14,500	\$0	\$0	\$0	\$14,500

Funding

Water Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$14,500	\$0	\$0	\$0	\$14,500

Utilities P&E – 23-1

Channel Grinder

Project Type: Replacement / Upgrade

Total Cost: \$165,000

Department: Utilities

Funding Source: W/S Cap. Improvement Fund

Description

A channel grinder works similar to a household garbage disposal, just on a much larger scale; it grinds solids in wastewater produced in homes and businesses before pumping it into the sanitary sewer system. This expenditure will replace the current grinder at the Harmony Rd. pump station.

Justification

The current grinder at the Harmony Rd. pump station is coming to the end of its useful life and is not working efficiently (i.e., it is not grinding well enough anymore). This causes larger solids to be pumped into the sewers, which can cause back-ups or even breaks. If the solids do make it through the system to the treatment plant, the grinders at the treatment plant have to work harder to make up for what the pump station grinder missed. This extra work causes the useful lives of treatment plant grinders to shorten, causing more expense in the future.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$165,000	\$0	\$0	\$165,000

Funding

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$165,000	\$0	\$0	\$165,000

Utilities P&E – 23-2

Water Treatment Plant 9 Media Exchange

Project Type: Replacement / Upgrade

Total Cost: \$140,000

Department: Utilities

Funding Source: W/S Cap. Improvement Fund

Description

The media (small foam-like balls) provides a surface for the ion-exchange process to take place during water treatment.

Justification

The current media is nearing deterioration. If the media exchange does not occur, the treatment process will simply stop working, and the water will not be drinkable from this location.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$140,000	\$0	\$0	\$140,000

Funding

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$140,000	\$0	\$0	\$140,000

Utilities P&E – 23-3

Operating Platform Upgrade

Project Type: Replacement / Upgrade
Department: Utilities

Total Cost: \$50,000
Funding Source: W/S Cap. Improvement Fund

Description

Two options are being explored. The first is to continue with the current operating platform, Wonderware, by having an upgrade done to move the system from Windows XP to Windows 10. This option will also include adding licenses to allow multiple employees to access the system without disrupting each other. The second option is to migrate from Wonderware to a new platform called Ignition’, which is recommended by the Utilities Department’s software support vendor. The budgeted total cost and the decision between the options is highly dependent on Wonderware’s ability to work with the department’s current hardware. The CIP and this project sheet will be updated as soon as more information is available.

Justification

The Utilities Department’s operating system has not had a software upgrade since installation. The platform is not signed up for support, and the current version would no longer be supported by Wonderware if the Village wanted it to be. Furthermore, the XP-based version is a significant risk to the Village since there is no longer software or hardware support for XP. This means that if the current computer fails, the department has one full spare and some spare parts with no other options. Upgrading the platform and the hardware under either option will allow the utility system to have technical support and much better back-up plans.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$50,000	\$0	\$0	\$50,000

Funding

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$50,000	\$0	\$0	\$50,000

Utilities P&E – 24-2

Water Treatment Plant 10/13 Media Exchange

Project Type: Replacement / Upgrade

Total Cost: \$165,000

Department: Utilities

Funding Source: W/S Cap. Improvement Fund

Description

The media (small foam-like balls) provides a surface for the ion-exchange process to take place during water treatment.

Justification

The current media is nearing deterioration. If the media exchange does not occur, the treatment process will simply stop working, and the water will not be drinkable from this location.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$165,000	\$0	\$165,000

Funding

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$165,000	\$0	\$165,000

Utilities P&E – 24-1

Transient Voltage Surge Suppression (TVSS)

Project Type: New Item

Total Cost: \$105,000

Department: Utilities

Funding Source: W/S Cap. Improvement Fund

Description

Addition of surge protection to 7 locations, all at the wastewater treatment plant.

Justification

While not as critical as the “field locations” (e.g., lift stations), the Utilities Supervisor has still identified this project as a high priority to address one of the Village’s highest areas of risk. There is currently no surge suppression, leaving the utility system extremely vulnerable to failure at any time. Completing this project will bring the entire utility system up to the appropriate level of surge protection.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$0	\$0	\$105,000	\$0	\$105,000

Funding

Water/Sewer Capital Improvement Fund

FY 2022	FY 2023	FY 2024	Additional	Total
\$0	\$0	\$105,000	\$0	\$105,000

Police P&E – 22-1

STARCOM Radio Platform Upgrade

Project Type: Replacement / Upgrade

Total Cost: \$62,000

Department: Police

Funding Source: Tow Fund (General Fund)

Description

Transition to a new radio platform

Justification

Kane County has already made the platform switch, and the Village must do so to remain compatible with the county’s system.

Costs

FY 2022	FY 2023	FY 2024	Additional Cost	Total
\$62,000	\$0	\$0	\$0	\$62,000

Funding

Tow Fund (General Fund)

FY 2022	FY 2023	FY 2024	Additional	Total
\$62,000	\$0	\$0	\$0	\$62,000

PROJECTS INDEX

The following tables list every potential project identified by the Village, the total cost (if known), and the proposed fiscal year (blank if not proposed for this CIP).

Infrastructure

Project Location	Total Cost	Fiscal Year
Rt. 72 and State Intersection	\$ 537,135	2022
Municipal Parking Lots	\$ 65,000	2022
Rt. 72 near Casey's	\$ 60,000	2022
Julie from Elm to Centennial	\$ 172,500	2022
Centennial from Rt. 72 to Panama	\$ 198,600	2023
Elm from Grove to Jackson	\$ 170,735	2024
Water System Connection	\$ 1,659,160	See Appendix A
Prairie from Edgewood to south end	\$ 344,400	See Appendix A
Prairie from Terwilliger to Jefferson	\$ 402,000	See Appendix A
Terwilliger from State to Park Entrance	\$ 1,655,680	See Appendix A
Brookedge / Timber	\$ 1,056,492	See Appendix A
Park from Rinn to Terwilliger	\$ 332,312	See Appendix A
Kelly from Harmony to east jurisdiction end	\$ 344,475	See Appendix A
Edgewood from State to Prairie	\$ 950,836	See Appendix A
Baldwin from Grove to Jackson	\$ 1,073,988	See Appendix A
Water lines - Remainder of Village	\$ 12,000,000	
Drainage Solution for Panama	\$ 214,685	
Whitetail Circle	\$ 187,500	
North State Street (KKOM Project in FY26)	\$ 150,000	
Culvert Repairs on North State (FY26)	\$ -	
Gast from Rt 20 to south jurisdiction	\$ 119,000	
Duchess from State to west end	\$ 97,750	
Old Mill from Warner to Centennial	\$ 80,100	
Hampshire from Prairieview to Whitetail	\$ 73,500	
Jake from Elm to Warner	\$ 72,900	
Highland from Elm to Warner	\$ 72,500	
Tang from Rt 20 to end	\$ 48,000	
Washington from Grace to Madison	\$ 42,500	
Jefferson from Park St to State	\$ 28,084	
Parkside from Jefferson to South	\$ 14,000	
Rt. 20 and Big Timber Intersection	\$ 6,000	
Panama 100 block	\$ -	
Culvert Extension/Repairs on Terwilliger	\$ -	
Alley between Panama and South east from Warner	\$ -	

South Ave. Water/Sewer	\$	-	
Grace St. Water/Sewer	\$	-	
Mill from Klick to WWTP	\$	-	
Oak from Jefferson to Terwilliger	\$	-	
Jackson west of State	\$	-	
South State Street	\$	-	
Alley between Washington and Jefferson behind Grace	\$	-	
Jake - Portions in the Highlands	\$	-	
Drainage Solution for Panama	\$	-	
Drainage Solution for Park & Rinn	\$	-	
Drainage Solution at 17N320 Windemeyer	\$	-	
Crack Seal in Lakewood	\$	-	
Crack Seal in Tuscany Woods	\$	-	
Pavement Stripping on Gast Rd at Rt 20	\$	-	
Pavement Stripping on Tang	\$	-	
Pavement Stripping on Romke in Tuscany Woods	\$	-	
Pavement Stripping on Windmeyer	\$	-	
Pavement Stripping on Melms	\$	-	
Pavement Stripping on Higgins	\$	-	
Infrastructure Total	\$	22,607,112	

Vehicles

Vehicle	Department	Total Cost	Fiscal Year
Street Sweeper	Streets	\$ 250,000	2022
Gator	Streets	\$ 16,500	2022
Wheel Loader	Streets	\$ 170,379	2023
Snow Plow Truck	Streets	\$ 187,646	2023
Snow Plow Truck	Streets	\$ 190,461	2024
1-Ton Dump Truck	Streets	\$ 98,552	2024
1-Ton Pick-up Truck	Utilities	\$ 74,000	2022
Replace Squad 82 (old)	Police	\$ 48,800	2022
Replace Squad 86	Police	\$ 54,150	2022
Replace Squad 87	Police	\$ 54,150	2022
Replace Squad 88	Police	\$ 55,000	2023
Replace Squad 89	Police	\$ 55,000	2023
Replace Squad 84	Police	\$ 55,800	2024
Replace Squad 85	Police	\$ 55,800	2024
Replace Squad 81	Police	\$ 56,000	
Vehicles Total		\$ 1,422,680	

Buildings

Project	Total Cost	Fiscal Year
New Streets Department Site	\$ 1,710,584	2022
Village Hall Improvements	\$ 30,000	2022
New Combined Police Department / Village Hall	\$ 8,000,000	
Water Treatment Facility (Oakstead)	\$ -	
Buildings Total	\$ 9,740,584	

Streets Dept. Plant and Equipment

Item	Total Cost	Fiscal Year
New Conduit/Wires for Downtown Street Lights	\$ 80,000	2022
New Salt Bin with Pad	\$ 50,000	2022
Village Sign at Henpeck Park	\$ 15,000	2022
Village Clock Installation	\$ 12,000	2022
Construction Trailer	\$ 20,000	2023
Asphalt Hopper	\$ 20,000	2023
New Conduit/Wires for Romke Rd. Street Lights	\$ 16,783	2024
Ditch Mower Attachment	\$ 16,000	2024
New Conduit/Wires for Industrial Sign on Rowell Rd.	\$ 12,598	2024
Quick-N-Easy Shoulder Machine with Conveyor	\$ 10,000	2024
Streets Dept. P&E Total	\$ 252,381	

Utilities Dept. Plant and Equipment

Item	Total Cost	Fiscal Year
Transient Voltage Surge Suppression - (5) Lift Stations	\$ 75,000	2022
New Lift Station Pumps - (2) McDonalds, (2) Elgiloy	\$ 60,000	2022
TVSS - (1) Well 9 DWTP, (1) Well 13, (2) BP/PRV	\$ 60,000	2022
Valve Exciser and Software	\$ 50,000	2022
Well 7 Media Exchange	\$ 32,000	2022
Risk and Resilience Report / Emergency Plan	\$ 14,500	2022
Channel Grinder - Harmony Pump Station	\$ 165,000	2023
WTP 9 Media Exchange	\$ 140,000	2023

Village of Hampshire Capital Improvement Plan

Projects Index

Operating Platform Upgrade (Wonderware)	\$ 50,000	2023
WTP 10/13 Media Exchange	\$ 165,000	2024
TVSS - (7) WWTP	\$ 105,000	2024
Repainting Rt. 20 EWST	\$ 750,000	
Higgins LS Reconstruction	\$ 1,500,000	
Well 13 Pump Rehab	\$ 125,000	
Elgiloy LS Controls Replacement	\$ 100,000	
Utilities P&E Total	\$ 3,391,500	

Police Dept. Plant and Equipment

Item	Total Cost	Fiscal Year
STARCOM Radio Platform Transition	\$ 62,000	2022
Body Cameras	\$ -	
Police Dept. P&E Total	\$ 62,000	

Grand Total	\$ 36,901,722
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Appendix A – Infrastructure Bond

Introduction

The Village infrastructure needs are currently too vast and high cost to pay for individual projects. Thus, several very high-cost projects have been identified for a potential bond issuance to spread the costs over many years. These projects and there costs are identified below along with preliminary information about a potential bond issuance.

Summary

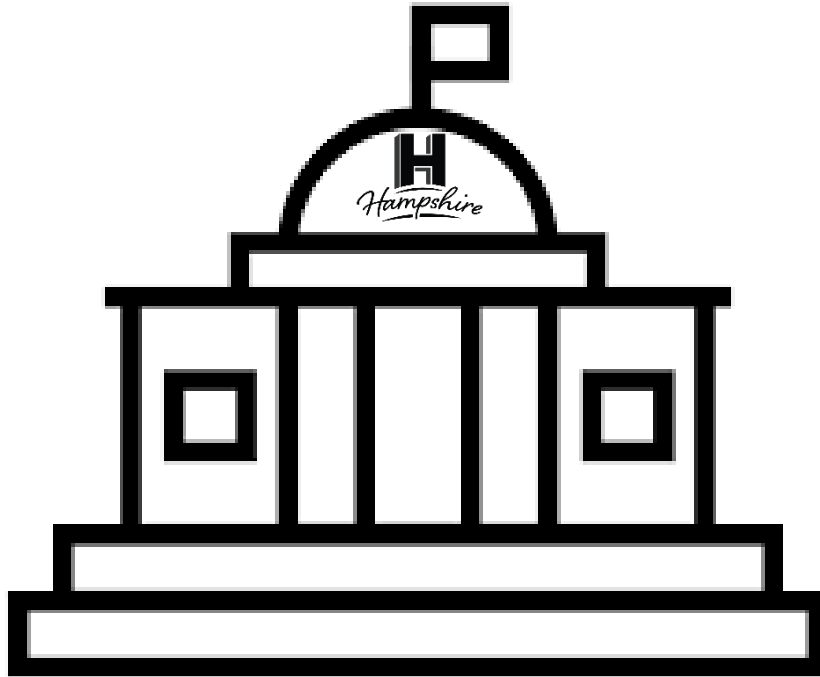
Project	Total Cost
Water System Connection	\$ 1,457,650
Terwilliger from State to Park Entrance	\$ 1,230,211
Baldwin from Grove to Jackson	\$ 798,000
Brookedge / Timber	\$ 785,000
Edgewood from State to Prairie	\$ 706,495
Prairie from Terwilliger to Jefferson	\$ 402,000
Kelly from Harmony to east jurisdiction	\$ 344,475
Prairie from Edgewood to south end	\$ 344,400
Park from Rinn to Terwilliger	\$ 246,916
Infrastructure Bond Total	\$ 5,440,147

The projects in this table total just over \$6.3 million, however, the Water System Connection will be partially funded by two state grants totaling \$875,000. Thus, the total cost that would need to be financed equals about \$5.44 million. Using that total as a principal amount, the following estimates can be made about the potential bond issuance.

Principal	Bond Term	APR (average)	Estimated Yearly Payment
\$ 5,440,147	20-30 Years	2.50%	\$250,000 - \$300,000

Issuing a bond is a very complex process that will require much further discussion between the Village and its consultants on how best to proceed. Details that still need to be worked out include: identifying exact terms, planning these projects out longer than the 3-year CIP, evaluating funding options, and determining the Village’s ability to obligate itself for many years.

Appendix B – Buildings Subplan



INTRODUCTION

Connection to the Capital Improvement Plan

Although the Buildings Subplan is included as an appendix to the overall Capital Improvement Plan (CIP), it should be noted that they are separate documents. Of the projects discussed in this subplan, only one (the new Streets Department site) is included in the CIP because it is the only one that is proposed to begin within the CIP’s 3-year plan. Due to the very high costs and long-term obligations that come with building new municipal facilities, the Village believes a separate plan looking further than three years is appropriate to allow Village officials and staff to make better informed decisions today that will affect the Village in the long-term. The Buildings Subplan does just that.

Summary

This subplan considers the high-level facility needs for three of the four Village departments: Streets, Police, and Administration (Village Hall). Each department’s section includes a summary of the current state of its facilities, including any short-term plans or financial obligations. The proposed projects are then detailed.

First, the proposed new Streets Department site is detailed along with the alternative option that is expanding the current site. Then, the Police Department and Village Hall are discussed together since this plan proposes a combined building in the future. The Utilities Department’s current major facilities are in good shape, so they are not considered at this time. However, there will be a new drinking water treatment facility needed in the future as Oakstead develops. No details of that project are known at this time.

The following table briefly summarizes each facility’s current state, the cost for building a new facility, and the proposed fiscal year to start incurring costs for planning/building.

Building/Site	Current State	Cost of New Site	Proposed Start
Streets Site	major disrepair; no room for growth	\$ 1,710,584	FY 2022
Police Department	adequate; making lease payments	\$ 8,000,000	FY 2026
Village Hall	some disrepair; growth would require major renovations		

STREETS DEPARTMENT SITE

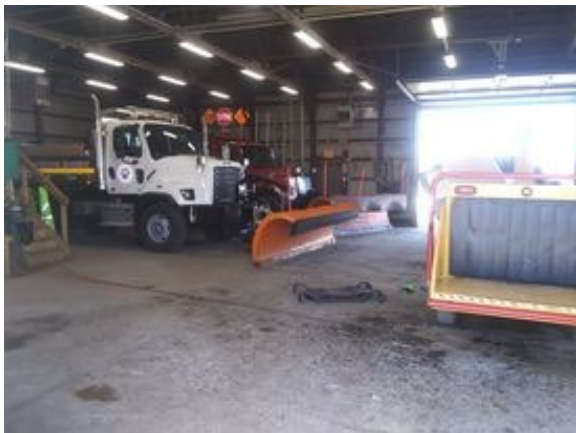
State of Current Site

The Village owns the current Streets Dept. site, which has been appraised at \$250,000. It consists of the buildings and structures pictured and described below.



The “office” building (inside pictured left) sits inside a converted well house along with the sign-making shop. As seen here, it serves as the Streets supervisor’s office, the lunch/break room, and the locker room. One wall is completely taken up by electric panels for the building, and the heating system consists of individual heaters with fans mounted high on the walls, which are very loud.

The main garage is the largest building on the site, and it houses tools as well as 4 snow plows. As seen pictured right, the entrance has been beat-up due to 14’ wide plows having to go through its 16’ wide entrance for storage. Even then, only four of the nine plows tightly fit inside. The other five plows, as well as all of the department’s trucks, are stored outside in all weather conditions. Furthermore, many of the poles supporting the structure are rotting away at their base (pictured left), making them more and more susceptible to failure during a major storm.



Another smaller garage (pictured right) stores some of the smaller equipment, including the skid steer, the small tractor, and the mowers. However,



since several plows and some other equipment must be stored outdoors, this indoor equipment can be difficult to get to because plows and trucks often must be moved around the site to access this garage.

Aside from those three buildings, there are also a few structures on the site (pictured below) that are showing significant wear and tear, including the salt bins that have ripped covers and cracked/crumbling pads as well as an old wooden storage shed that has begun to fall apart.



The state of the Streets Department site is major disrepair. The indoor space is woefully inadequate to store highly valuable equipment or to conduct daily work. The department's space needs have already grown beyond the site, causing the need for the off-site storage shed as well as a disorganized parking situation since nearly every parking place is in the way of something else. Wear and tear on equipment and vehicles stored outdoors is obvious, and it costs the Village thousands of dollars in the short run due to spending extra money maintenance and in the long run due to replacing vehicles sooner.

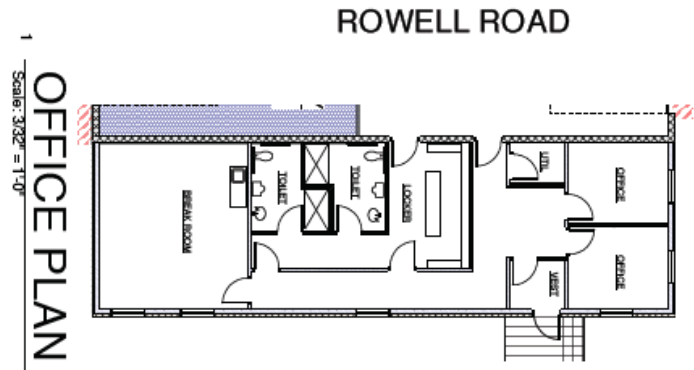
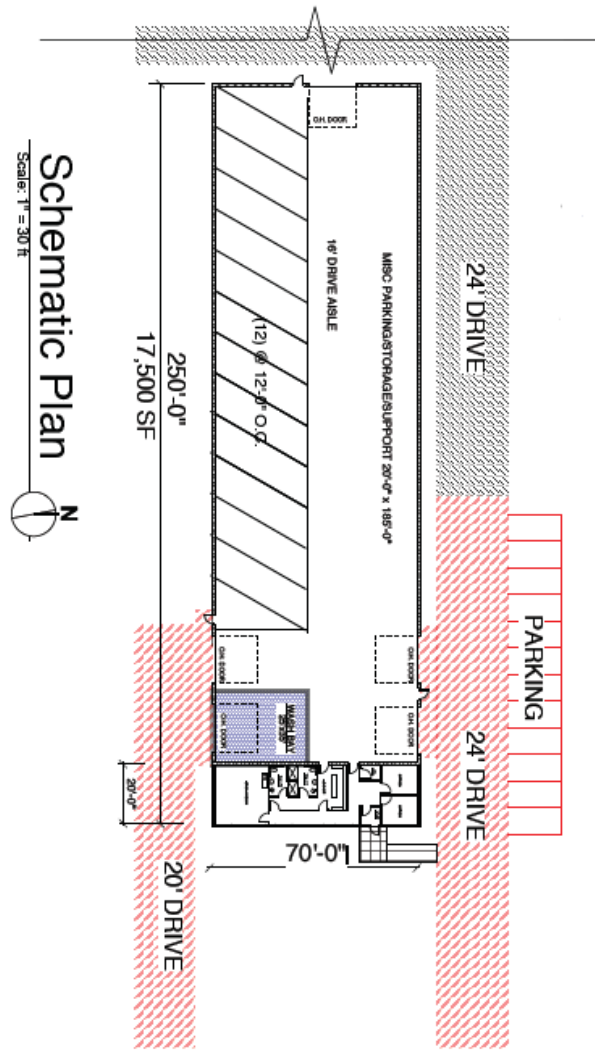
Proposed New Site

The new site staff has proposed (pictured right) will be located on Rowell Road just south of the creek. The parcel is currently vacant, and Stanley Machining & Tool has agreed to develop the site and build a building for \$1.5 million. Financing terms have not been locked-in, but this plan assumes monthly payments at 2.3% APR over 25 years.

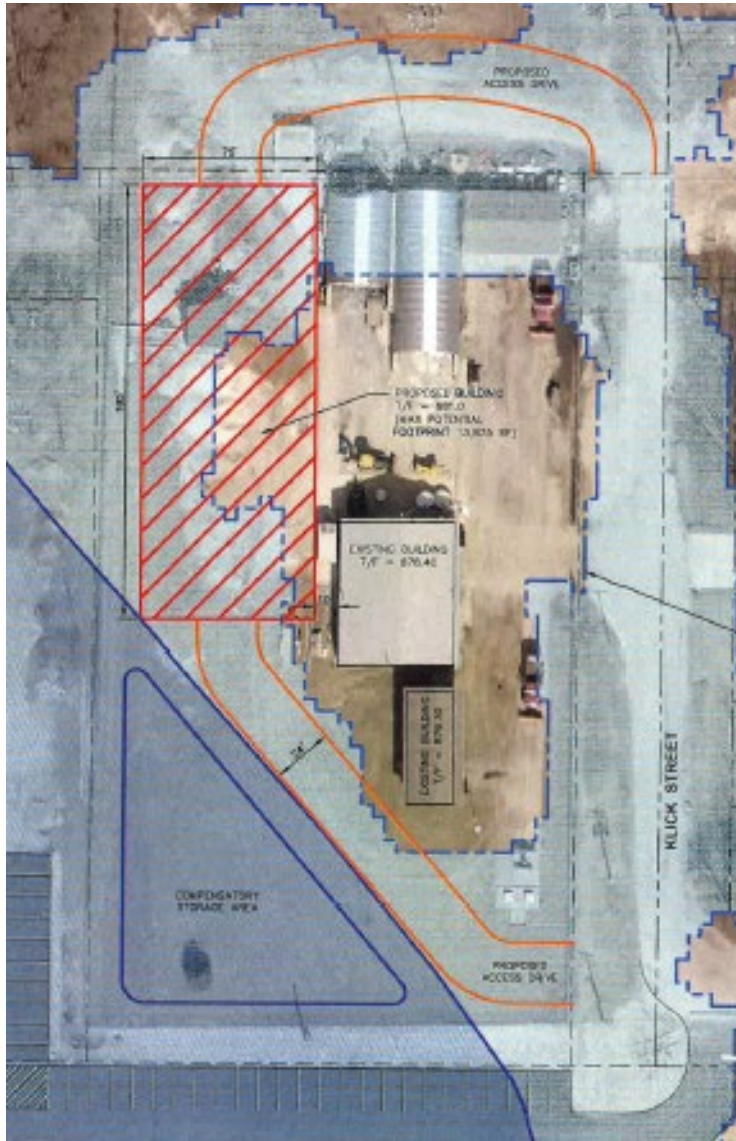
The new site will include indoor space for separate office space, locker rooms, and a break room as well as enough indoor garage space for a larger sign-making shop and to store all the Village’s snow plows and other vehicles and equipment in one building for easy maintenance and access without having to move other equipment around.

The outdoor area is planned for having one large salt bin and parking needed for employees and visitors.

This layout, both inside and outside, are much more conducive to supporting the Streets Department’s operations by allowing them to use their time more efficiently, to take better care of their equipment, and to be safer.



Alternative – Expansion of Current Site



An alternative to a new site that has been proposed is to expand on the current site by adding a new building. This option would cost approximately \$950,000 before financing, but municipalities are not permitted by state statute to have a mortgage, so there may be little opportunity to finance this building with a bank or other lender.

The new site layout (pictured left) would require building up the grade on the side to move the new building out of the floodplain. The new building would be primarily used to store vehicles and equipment that are currently stored outside, which would alleviate much of the wear and tear due to weather.

This alternative option does not include any additional building upgrades to address current conditions of disrepair. At minimum, continuing operations at this site would require an additional \$20,000 to resurface the lot, which has already passed its useful life and is beginning to deteriorate.

POLICE DEPARTMENT / VILLAGE HALL

State of Current Police Department

Since November of 2012, the Village has leased approximately 6,500 sqft at 215 Industrial Dr. to house the Police Department. While this space has been adequate and remains in good condition, a lease means the Village is spending money on a facility that is not earning any equity in. This financial concern is the principal reason a new facility is proposed below.

The terms of the lease agreement include a monthly payment starting in the first year at \$3,892 and increasing each year by \$100. The current monthly payment is \$4,692, and the Village will have paid a total cost of \$521,040 through the current lease ending in November of 2022. The lease terms also allow the Village to extend the lease for an additional five years, which Village staff has recommended since they believe the space and condition of the current facility will be adequate for the Police Department through this extension. Therefore, the total cost the Village will have paid through the current ten-year lease and a five-year extension will be \$763,056, and the Village will have no building to house the Police Department.

State of Current Village Hall

Village Hall is currently located at 234 S. State Street in downtown Hampshire. While the Village has recently completed some past due maintenance and minor renovations, the building is very old and still needs work. In fact, the current Village Hall would not pass a building code inspection as it stands if it were built today. The CIP plans for \$30,000 in FY 2022 to be spent addressing some of these issues. The images below depict some of the projects that may be targeted, including a deteriorating front entrance that is also not ADA compliant, aging windows, and the crumbling south wall.



Another consideration is that more staff may be required at Village Hall as the Village grows, and there is very little room for growth in the current building without major renovations, including installing an elevator. A space study, quoted at \$14,850, will be proposed in the FY 2023 annual budget to determine how to make the current Village Hall last until the Police Department lease ends in November of 2027 and both departments can move to the proposed combined facility.

Proposed Combined Facility

The proposed site for the new combined facility is the property the Village owns on the west side of north State Street that was donated by Crown Community Development in 2009. While plans for a combined Police Department and Village Hall were created many years ago, the cost and space-needs estimates need reevaluated. Pictured below are plans that were previously created for this project to give an idea of what the proposed facility could be like, featuring two wings with the Village Board room in the center.



A space study for this combined facility, estimated at \$50,000, will be proposed in the FY2024 so the Village can begin to plan for architecture and engineering in the following years. The project is estimated to cost approximately \$8 million including financing costs. This combined facility will make efficient use of the Village’s land and will provide room for growth in both the Police Department and Village Hall staff for years to come.