VILLAGE OF NORTH AURORA, ILLINOIS

CAPITAL IMPROVEMENT PLAN FISCAL YEAR 2024-25 TO 2028-29







AN ATTENTIVE MUNICIPAL ORGANIZATION THAT CONNECTS WITH COMMUNITY, COMMERCE, AND NATURE



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Introduction



General Overview

The Five-Year Capital Improvement Plan (CIP) is intended to provide a long-range projection of the financial condition for each of the Village's funds that account for capital expenditures. The CIP assumes the continuation of current service levels throughout all years displayed. The forecasts displayed are meant to provide a foundation for discussion, planning, and policy decisions that will be made in the future to ensure the Village can responsibly meet its capital needs and maintain a high level of service.

The Village maintains numerous funds, however, only funds that regularly budget for capital expenditures are included in this document. For information on non-capital funds, please refer to the Village's annual budget document.

The presentation for each fund includes a five-year financial projection and a five-year schedule of planned capital improvements. In addition, information on of each individual capital project is included in the Capital Projects Descriptions section. The CIP focuses on all capital items that are individually over \$10,000 with a useful life greater than one year. The five-year summary for each fund reflects the revenue and expenditure projections and presents a rolling five-year operating statement, beginning with projected fund balance available as of June 1, 2024.

The Future Projects section includes projects that are currently in the planning phase. These are projects that have been identified as potential areas of need, but the scope, cost, and timing has not been determined. The projects listed in this section may be included in future CIP documents, or may be removed and no longer be pursued.

Methodology for Capital Planning

The Public Works and Finance departments maintains a long-term capital plan for Village owned facilities and infrastructure. Each year, the Public Works department works with the Finance department to determine how capital expenditure requests align with revenue estimates. Although capital requests are tentatively planned for the next several years, only the projects scheduled to happen in the current year of the plan are budgeted for. Future capital projects are subject to change during subsequent budget processes as more information becomes available and projected resources are determined. Common capital priorities (in general order of importance) are: life safety, preventive maintenance, operating cost reduction, basic comfort, and aesthetic improvement.

The Village makes every effort to meet its capital needs each year. The cost of a project is weighed against the impact that doing nothing would have on public safety and services. The cost of not funding capital needs on schedule often leads to increased maintenance costs and staff time in the future.

The Village's intention is to fund capital expenditures with current revenue sources or available fund balance/net position. Capital projects planned in the FY 2024-25 budget are funded with current year revenues and reserve balances (pay as you go). The Village has no plans to issue debt for current budgeted capital projects.

Introduction



Impact on Operating Budget

There is a direct correlation between the Village's capital improvement plan and its annual operating budget. Capital projects are evaluated based on any additional costs or savings that would be added to future operating budgets. Any future operating costs or savings from a capital project are normally captured within the user department's operating budget. Typically, any annual recurring projects would have a nominal effect on future operating budgets.

For example, replacing an existing vehicle with a comparable vehicle should not have a significant impact on future budgets. In fact, replacing an old vehicle may actually reduce the operating budget, as a newer vehicle will require less maintenance and repairs in the near term. However, adding a new vehicle and increasing the fleet size would result in increased maintenance costs and staff time to perform routine servicing of the vehicle. Similarly, annual street repaving projects or water main replacement projects may save money on maintenance in future operating budgets as less will be spent fixing potholes or repairing water main breaks. Building or acquiring a new facility would result in increased operating costs related to supplies, maintenance, or utilities.

Where applicable, changes to future operating budgets are adjusted based on projected capital spends that alter operations.

General Assumptions

The principal assumptions used for the CIP involve inflation rates for general goods and services, personnel inflation (direct personnel costs as well as costs of fringe benefits and training), and projected increases for revenue sources. The CIP uses the following general assumptions, where applicable:

- Inflation for the purchase of goods and contractual services are forecasted at 3.5%.
- Personnel inflation (including benefits, training and merit adjustments applicable to personnel not at top-of-grade) is forecasted at a 4.5% increase per year.
- Revenue sources are projected to increase from 0.0% to 3.0% each year, depending on type.
- Transfers between funds are included in years where projected surpluses exist.

The CIP does not assume new revenue sources, changes to current tax rates or fees, or the issuance of debt to fund capital and operations.



Major Capital Projects - All Funds Summary

Fund	FY 24-25 Budget	FY 25-26 Projected	FY 26-27 Projected	FY 27-28 Projected	FY 28-29 Projected	Total
Motor Fuel Tax	\$ 1,000,000	\$ -	\$ 125,000	\$ 675,000	\$ -	\$ 1,800,000
Route 31 TIF	-	300,000	-	-	-	300,000
United TIF	1,400,000	500,000	600,000	500,000	600,000	3,600,000
Capital Projects	3,856,000	1,900,000	2,075,500	2,662,665	2,566,545	13,060,710
Waterworks	3,235,000	6,350,000	800,000	650,000	1,450,000	12,485,000
Vehicle and Equipment	976,000	619,000	535,000	841,500	424,750	3,396,250
Total Capital Improvements	\$ 10,467,000	\$ 9,669,000	\$ 4,135,500	\$ 5,329,165	\$ 5,041,295	\$ 34,641,960



Motor Fuel Tax Fund

Fund Description/Purpose

The Motor Fuel Tax (MFT) Fund accounts for the Village's per capita share of motor fuel taxes distributed by the State and the road maintenance programs that are eligible to be funded with the revenues.

Revenue Sources

Major revenue sources include:

- Motor fuel tax allotments
- Transportation renewal fund allotments
- Interest income

Operating Expenditures

Major operating expenditures include:

- Engineering
- Salt purchases
- Streets and alleys repairs/maintenance
- Street lighting utility costs
- Street light repair/maintenance



Motor Fuel Tax Fund - Financial Summary

	2024-25 Budget		 2025-26 Projection	 2026-27 Projection	 2027-28 Projection	 2028-29 Projection
Estimated Fund Balance, Beginning of Year	\$	2,120,044	\$ 1,430,544	\$ 1,736,113	\$ 1,911,562	\$ 1,531,703
Revenues and Other Sources						
Operating Revenues	\$	859,000	\$ 867,590	\$ 876,266	\$ 885,029	\$ 893,879
Transfers and Other Sources			 	 _	 	 -
Total Revenues and Other Sources	\$	859,000	\$ 867,590	\$ 876,266	\$ 885,029	\$ 893,879
Expenditures and Other Uses						
Operating Expenditures	\$	548,500	\$ 562,021	\$ 575,817	\$ 589,888	\$ 604,239
Capital and Related Engineering Costs		1,000,000	-	125,000	675,000	-
Transfers and Other Uses		-	 -	 -	 	 -
Total Expenditures and Other Uses	\$	1,548,500	\$ 562,021	\$ 700,817	\$ 1,264,888	\$ 604,239
Estimated Net Income (Loss)	\$	(689,500)	\$ 305,569	\$ 175,449	\$ (379,859)	\$ 289,640
Estimated Fund Balance, End of Year	\$	1,430,544	\$ 1,736,113	\$ 1,911,562	\$ 1,531,703	\$ 1,821,343

Village of North Aurora FY 2024-25 Budget





Project	Project Number	FY 24-25 Budget	FY 25-26 Projected	FY 26-27 Projected	FY 27-28 Projected	FY 28-29 Projected	Total
Road Improvements Orchard Gateway Improvements Oak Street - Route 31 to Randall Road	CIP-1 CIP-2	\$ 1,000,000	\$ - -	\$ - 125,000	\$ - 675,000	\$ -	\$ 1,000,000 800,000
Total Capital Improvements		\$ 1,000,000	\$ -	\$ 125,000	\$ 675,000	\$ -	\$ 1,800,000



Route 31 TIF Fund

Fund Description/Purpose

The Route 31 TIF Fund was established August 12, 2002 to account for the additional incremental property tax revenues generated by the Route 31 TIF District and the redevelopment expenditures and reimbursements. The Village has prepared a comprehensive "Action Plan" to guide the development and redevelopment of the Route 31 TIF District area.

Revenue Sources

Major revenue sources include:

- Property taxes
- Interest income

Operating Expenditures

Major operating expenditures include:

- Engineering
- Legal
- Audit
- Consulting
- Reimbursements/grants



Route 31 TIF Fund - Financial Summary

	2024-25 Budget	2025-26 rojection	26-27 ection	27-28 ection	28-29 ection
Estimated Fund Balance, Beginning of Year	\$ 773,193	\$ 305,143	\$ -	\$ -	\$ -
Revenues and Other Sources					
Operating Revenues	\$ 340,000	\$ 344,950	\$ -	\$ -	\$ -
Transfers and Other Sources	 	 -	-	 -	-
Total Revenues and Other Sources	\$ 340,000	\$ 344,950	\$ -	\$ -	\$ -
Expenditures and Other Uses					
Operating Expenditures	\$ 108,050	\$ 8,333	\$ -	\$ -	\$ -
Capital and Related Engineering Costs	-	300,000	-	-	-
Transfers and Other Uses	 700,000	 341,760	-	 -	-
Total Expenditures and Other Uses	\$ 808,050	\$ 650,093	\$ -	\$ -	\$ -
Estimated Net Income (Loss)	\$ (468,050)	\$ (305,143)	\$ -	\$ -	\$
Estimated Fund Balance, End of Year	\$ 305,143	\$ <u>-</u>	\$ -	\$ -	\$ -

Village of North Aurora FY 2024-25 Budget

Major Capital Expenditures - Route 31 TIF Fund



Project	Project Number	Y 24-25 Budget	FY 25-26 Projected	26-27 ojected	 27-28 jected	28-29 jected	Total
Other Initiatives Property Purchases for Development	CIP-3	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000
Total Capital Improvements		\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000



United TIF Fund

Fund Description/Purpose

The United 31 TIF Fund was established July, 2021 to account for the additional incremental property tax revenues generated within the Redevelopment Area. The United TIF District consists primarily of those parcels located north of I-88 that were disconnected from the Route 31 TIF District and the parcels within the North Lincolnway and Sperry TIF Districts, which were dissolved prior to the adoption of the United TIF District. The United TIF District also includes parcels that have historically not been located in any TIF district, but were considered as potential targeted areas for development or gentrification.

Revenue Sources

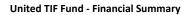
Major revenue sources include:

- Property taxes
- Interest income
- Transfers from other funds

Operating Expenditures

Major operating expenditures include:

- Engineering
- Legal
- Audit
- Consulting
- Reimbursements/grants





	 2024-25 Budget	F	2025-26 Projection	 2026-27 Projection	 2027-28 Projection	 2028-29 Projection
Estimated Fund Balance, Beginning of Year	\$ 192,877	\$	555,327	\$ 966,036	\$ 941,518	\$ 1,328,061
Revenues and Other Sources						
Operating Revenues	\$ 1,077,000	\$	1,093,080	\$ 1,109,401	\$ 1,430,465	\$ 1,451,845
Grant Revenues	500,000		-	-	-	-
Transfers and Other Sources	700,000		341,760	-	-	-
Total Revenues and Other Sources	\$ 2,277,000	\$	1,434,840	\$ 1,109,401	\$ 1,430,465	\$ 1,451,845
Expenditures and Other Uses						
Operating Expenditures	\$ 514,550	\$	524,131	\$ 533,919	\$ 543,922	\$ 554,144
Capital and Related Engineering Costs	1,400,000		500,000	600,000	500,000	600,000
Transfers and Other Uses	-		· <u>-</u>	-	-	-
Total Expenditures and Other Uses	\$ 1,914,550	\$	1,024,131	\$ 1,133,919	\$ 1,043,922	\$ 1,154,144
Estimated Net Income (Loss)	\$ 362,450	\$	410,709	\$ (24,518)	\$ 386,543	\$ 297,701
Estimated Fund Balance, End of Year	\$ 555,327	\$	966,036	\$ 941,518	\$ 1,328,061	\$ 1,625,762

Village of North Aurora FY 2024-25 Budget

Major Capital Expenditures - United TIF Fund



Project	Project Number	FY 24-25 Budget	FY 25-26 Projected	FY 26-27 Projected		FY 27-28 Projected	FY 28-29 Projected	Total
Road Improvements								
Airport Rd and Route 31 Intersection	CIP-4	575,000	\$ -	\$ -	\$	-	\$ -	\$ 575,000
Sidewalk/ROW Improvements								
Airport/Rt. 31 ROW Acquisitions	CIP-4	25,000	-	-		-	-	25,000
Rt. 31 Sidewalk Replacement	CIP-5	100,000	-	100,00	0	-	100,000	300,000
Other Initiatives								
Property Purchases for Development	CIP-6	700,000	500,000	500,00	0	500,000	500,000	2,700,000
Total Capital Improvements	-	\$ 1.400.000	\$ 500,000	\$ 600.00	0 Ś	500.000	\$ 600,000	\$ 3.600.000

Capital Improvement Plan Fiscal Year 2024-25 to 2028-29



Capital Projects Fund

Fund Description/Purpose

This fund accounts for capital projects and capital improvements of the Village. Expenditures that the Village accounts for in this fund include the recurring annual road program, major road improvement projects, village facility improvements, right-of-way projects, sidewalk improvements and other capital/public improvements.

Revenue Sources

Major revenue sources include:

- Non-home rule sales tax
- Utility tax electricity
- Utility tax natural gas
- Interest income
- Traffic impact fees
- Capital impact fees

Operating Expenditures

Major operating expenditures include:

- Engineering
- Consulting
- Construction management services



Capital Projects Fund - Financial Summary

	2024-25 Budget	2025-26 Projection	2026-27 Projection	2027-28 Projection	2028-29 Projection
Estimated Fund Balance, Beginning of Year	\$ 14,168,278	\$ 9,997,193	\$ 11,430,323	\$ 12,600,935	\$ 13,219,228
Revenues and Other Sources					
Operating Revenues	\$ 3,716,500	\$ 3,890,345	\$ 3,939,897	\$ 3,990,165	\$ 4,041,161
Grant Revenues	-	-	-	-	-
Transfers and Other Sources	400,000	-	-	-	-
Total Revenues and Other Sources	\$ 4,116,500	\$ 3,890,345	\$ 3,939,897	\$ 3,990,165	\$ 4,041,161
Expenditures and Other Uses					
Operating Expenditures	\$ 1,745,500	\$ 557,215	\$ 693,785	\$ 709,207	\$ 642,114
Capital and Related Engineering Costs	3,856,000	1,900,000	2,075,500	2,662,665	2,566,545
Transfers and Other Uses	2,686,085	-	-	-	-
Total Expenditures and Other Uses	\$ 8,287,585	\$ 2,457,215	\$ 2,769,285	\$ 3,371,872	\$ 3,208,659
Estimated Net Income (Loss)	\$ (4,171,085)	\$ 1,433,130	\$ 1,170,612	\$ 618,293	\$ 832,502
Estimated Fund Balance, End of Year	\$ 9,997,193	\$ 11,430,323	\$ 12,600,935	\$ 13,219,228	\$ 14,051,730

Village of North Aurora FY 2024-25 Budget

Major Capital Expenditures - Capital Projects Fund



Project	Project Number	FY 24-25 Budget	FY 25-26 Projected	FY 26-27 Projected	FY 27-28 Projected	FY 28-29 Projected	Total
Road Improvements							
Annual Road Improvement Programs	CIP-7	\$ 2,086,000	\$ 1,850,000	\$ 1,905,500	\$ 1,962,665	\$ 2,021,545	\$ 9,825,710
Orchard Gateway Improvements	CIP-1	780,000	-	-	-	-	780,000
Village Facility Projects							
RTU Replacement - Police Department	CIP-8	100,000	50,000	50,000	50,000	-	250,000
Bollard Replacement - Police Department	CIP-9	45,000	-	-	-	-	45,000
Boiler Replacement - Police Department	CIP-10	120,000	-	-	-	-	120,000
Boiler Replacement - Village Hall	CIP-11	60,000	-	-	-	-	60,000
HVAC Replacement - Village Hall	CIP-12	-	-	120,000	-	-	120,000
BAS Upgrades - Police Department, Village Hall	CIP-13	-	-	-	100,000	-	100,000
Village Hall Lift	CIP-14	100,000	-	-	-	-	100,000
Sidewalk/ROW Improvements							
Orchard Gateway ROW Acquisitions	CIP-1	340,000	-	-	-	-	340,000
Deerpath Rd./Orchard Gateway ROW Acquisitions	CIP-15	-	-	-	100,000	-	100,000
Riverfront Park Improvements							
Electrical Improvements/Dam Lights	CIP-16	100,000	-	-	-	-	100,000
North Plaza/Parking Lot Upgrades	CIP-16	-	-	-	450,000	-	450,000
Hillside Seating	CIP-16	-	-	-	-	45,000	45,000
South Plaza/Pavilion	CIP-16	-	-	-	-	500,000	500,000
Community Improvements							
New Village Message Board	CIP-17	75,000	-	-	-	-	75,000
Veterans Memorial Improvements	CIP-18	50,000	-	-	-	-	50,000
Total Capital Improvements		\$ 3,856,000	\$ 1,900,000	\$ 2,075,500	\$ 2,662,665	\$ 2,566,545	\$13,060,710

Capital Improvement Plan Fiscal Year 2024-25 to 2028-29



Waterworks Fund

Fund Description/Purpose

Operations related to the Water Division of the Public Works Department are accounted for in this Fund, as well as the staffing, water billing, collection, and customer service activities of the Finance Department. The Water Division works to maintain and improve water service infrastructure while simultaneously planning for future water demand.

North Aurora's water supply is currently derived from six deep wells (#4, #5, #6, #7, #8, #9) and travels through a 110 mile network of distribution water main after it has been treated for excess radium at the two treatment facilities. The water system also includes one 500,000 gallon elevated storage tank and one 1,000,000 gallon elevated storage tank. The Water Division maintains this infrastructure along with 1,360 fire hydrants, 1,950 valves, and approximately 6,000 service connections and water meters.

Revenue Sources

Major revenue sources include:

- Water sales
- Meter sales
- Permits
- Connection fees
- Water tower rental fees
- Other miscellaneous fees
- Interest income

Operating Expenditures

Major operating expenditures include:

- Personnel
- Engineering
- Legal
- Chemicals
- Supplies
- Facility repairs and maintenance
- Utility costs

Debt Service

Principal and interest costs related to the 2017 General Obligation Alternative Revenue Source Bonds is included in all five years presented. The bonds mature on January 1, 2032.



Waterworks Fund - Financial Summary

	 2024-25 Budget	 2025-26 Projection	F	2026-27 Projection	 2027-28 Projection	2028-29 Projection
Estimated Net Position, Beginning of Year	\$ 9,126,271	\$ 5,726,741	\$	106,648	\$ 268,141	\$ 754,228
Revenues and Other Sources						
Operating Revenues	\$ 3,676,600	\$ 4,480,659	\$	4,793,826	\$ 5,046,111	\$ 5,219,279
Grant Revenues	226,770	-		-	-	-
Transfers and Other Sources	 16,385	16,958		17,552	 18,166	18,802
Total Revenues and Other Sources	\$ 3,919,755	\$ 4,497,617	\$	4,811,378	\$ 5,064,277	\$ 5,238,081
Expenditures and Other Uses						
Operating Expenditures	\$ 3,590,110	\$ 3,274,935	\$	3,353,810	\$ 3,434,265	\$ 3,516,308
Debt	494,175	492,775		496,075	493,925	495,438
Capital and Related Engineering Costs	3,235,000	6,350,000		800,000	650,000	1,450,000
Transfers and Other Uses	-	-		-	-	-
Total Expenditures and Other Uses	\$ 7,319,285	\$ 10,117,710	\$	4,649,885	\$ 4,578,190	\$ 5,461,746
Estimated Net Income (Loss)	\$ (3,399,530)	\$ (5,620,093)	\$	161,493	\$ 486,087	\$ (223,665)
Estimated Net Position, End of Year	\$ 5,726,741	\$ 106,648	\$	268,141	\$ 754,228	\$ 530,563

Major Capital Expenditures - Waterworks Fund



Project	Project Number		/ 24-25 Sudget		25-26 ojected	FY 26-27 Projected	FY 27-28 Projected		Y 28-29 ojected		Total
Watermain Replacements											
Aspen Ct. Watermain Replacement	CIP-19	\$	150,000	\$	-	\$ -	\$ _	\$	-	\$	150,000
Valve Replacement - Route 31 and Marvo	CIP-19		250,000		-	-	-		-		250,000
Clearwater, Lovedale, Offutt, Fox River Lining	CIP-20		500,000		-	-	-		-		500,000
Fox River Crossing Lining	CIP-21		-		-	450,000	-		-		450,000
Central Tower Watermain Reconfiguration	CIP-22		30,000		-	-	-		-		30,000
Lead Service Lines											
Lead Service Line Replacements	CIP-23		-		-	-	300,000		300,000		600,000
Water Well Improvements											
Well #6 Improvements	CIP-24		300,000		-	-	-		-		300,000
Well #7 Improvements	CIP-25		-		350,000	-	-		-		350,000
Well #8 Improvements	CIP-26		-		-	350,000	-		-		350,000
Well #4 Improvements	CIP-27		-		-	-	350,000		-		350,000
Well #9 Improvements	CIP-28		-		-	-	-		350,000		350,000
Water Treatment Plant Improvements											
East Treatment Plant - Replace Poly Tanks	CIP-29		60,000		-	-	-		-		60,000
East Treatment Plant - Flow Meter Replacement	CIP-29		30,000		-	-	-		-		30,000
East Treatment Plant - Split Unit HVAC for Lab	CIP-29		20,000		-	-	-		-		20,000
West Treatment Plant - Replace Poly Tanks	CIP-30		60,000		-	-	-		-		60,000
West Treatment Plant - HMO System Upgrades	CIP-30		115,000		-	-	-		-		115,000
West Treatment Plant - Split Unit HVAC for Lab	CIP-30		20,000		-	-	-		-		20,000
Water Tower Improvements											
Central Tower Construction	CIP-31	1	,000,000	6,	000,000	-	-		-		7,000,000
Water Tower Mixers	CIP-32		100,000		-	-	-		-		100,000
East Tower Rehabilitation	CIP-33		-		-	-	-		800,000		800,000
Water System Improvements											
SCADA Upgrade	CIP-34		600,000		-	-	-		-		600,000
Total Capital Improvements		\$ 3	,235,000	\$ 6,	350,000	\$ 800,000	\$ 650,000	\$ 1	,450,000	\$17	2,485,000



Vehicle and Equipment Fund

Fund Description/Purpose

This fund accumulates resources for the replacement of vehicles, major equipment, IT infrastructure, software, and other related items.

Revenue Sources

Major revenue sources include:

- Departmental replacement charges
- Proceeds from the sale of assets
- Interest income

Operating Expenditures

Major operating expenditures include:

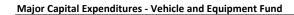
- Equipment repair and maintenance
- Lease/rental costs



Vehicle and Equipment Fund - Financial Summary

	 2024-25 Budget	F	2025-26 Projection	F	2026-27 Projection	 2027-28 Projection	2028-29 Projection
Estimated Net Position, Beginning of Year	\$ 1,828,471	\$	1,469,751	\$	1,481,111	\$ 1,589,808	\$ 1,405,603
Revenues and Other Sources							
Operating Revenues	\$ 671,505	\$	684,585	\$	697,922	\$ 711,520	\$ 725,384
Transfers and Other Sources	 -						-
Total Revenues and Other Sources	\$ 671,505	\$	684,585	\$	697,922	\$ 711,520	\$ 725,384
Expenditures and Other Uses							
Operating Expenditures	\$ 54,225	\$	54,225	\$	54,225	\$ 54,225	\$ 54,225
Capital and Related Engineering Costs	976,000		619,000		535,000	841,500	424,750
Transfers and Other Uses	 -					 	 -
Total Expenditures and Other Uses	\$ 1,030,225	\$	673,225	\$	589,225	\$ 895,725	\$ 478,975
Estimated Net Income (Loss)	\$ (358,720)	\$	11,360	\$	108,697	\$ (184,205)	\$ 246,409
Estimated Net Position, End of Year	\$ 1,469,751	\$	1,481,111	\$	1,589,808	\$ 1,405,603	\$ 1,652,012

Village of North Aurora FY 2024-25 Budget





Project	Project Number	FY 24-25 Budget	Y 25-26 rojected	Y 26-27 rojected	FY 27-28 Projected	FY 28-29 Projected	Total
Vehicles							
Police Vehicles	N/A	\$ 80,000	\$ 234,000	\$ 240,000	\$ 219,500	\$ 164,750	938,250
Public Works Vehicles - Streets	N/A	350,000	75,000	-	330,000	-	755,000
Public Works Vehicles - Water	N/A	-	50,000	-	-	-	50,000
Administration Vehicles	N/A	-	-	-	32,000	-	32,000
Community Development Vehicles	N/A	-	-	35,000	-	-	35,000
Equipment							
IT Equipment	N/A	213,500	125,000	125,000	125,000	125,000	713,500
Public Works Equipment	N/A	228,000	100,000	100,000	100,000	100,000	628,000
Police Equipment	N/A	104,500	35,000	35,000	35,000	35,000	244,500
Total Capital Improvements		\$ 976,000	\$ 619,000	\$ 535,000	\$ 841,500	\$ 424,750	\$ 3,396,250

Vehicle costs include purchase price and related outfitting. Replacement assumptions were made based on current vehicle life. Actual replacements will likely vary in future years depending on actual vehicle conditions.

Equipment purchases vary from year to year. Estimates were used in future years based on historical annual spends.

Capital Improvement Plan Fiscal Year 2024-25 to 2028-29



Capital Projects Descriptions

The following pages provide further information on the capital projects listed throughout the document. Each project includes a project number that correlates to the five-year capital detail pages.





Project Number

CIP-1

Project Name

Orchard Gateway Blvd. Roadway Improvements



Location

Orchard Gateway Blvd. (Orchard Rd. to Randall Rd.)

Project Scope

The project includes pavement rehabiliation of Orchard Gateway Boulevard from Orchard Road to Randall Road. The scope also includes the installation of a traffic signal and roadway widening at the intersection of Hansen Boulevard and Orchard Gateway Boulevard.

Additional work in the program may include storm sewer repair, curb repair/installation and sidewalk repair/installation.

Justification & Comments

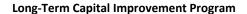
Orchard Gateway Boulevard will be due for pavement rehabiliation based on the existing and expected deterioration. At the intersection of Hansen Boulevard and Orchard Gateway Boulevard there is an existing four-way stop which experiences heavy traffic volume and has had a significant amount of accidents the past few years. A traffic signal is warranted for this intersection which will help improve traffic flow as well as safety.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget and will prevent future road maintenance repairs.

		C	Cost & Fund	ing						
Project Costs	2024-25		2025-26		2026-27		2027-28	20	28-29	Total
Engineering	\$ 100,000	\$	-	\$	-	\$	-	\$	-	\$ 100,000
Right-of-Way Acquisition	340,000		-		-		-		-	340,000
Construction	1,780,000		-		-		-		-	1,780,000
Total	\$ 2,220,000	\$	-	\$	-	\$	-	\$	-	\$ 2,220,000

Funding Sources	2024-25	2025-26	2026-27	2027-28	2028-29	Total
MFT Revenues/Reserves	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Capital Projects Revenue/Reserve	1,220,000	-	-	-	-	1,220,000
Total	\$ 2,220,000	\$ -	\$ -	\$ -	\$ -	\$ 2,220,000





Project Number

CIP-2

Project Name

Oak Street Resurfacing



Location

Route 31 to Randall Road

Project Scope

The project includes the resurfacing of the pavement from Lincolnway (IL 31) to Acorn Drive to maintain a smooth surface on a high volume traffic corridor. The length of the project is 5,015 linear feet and an urban cross section width of approximate 43 feet measured back of curb to back of curb. The project will include restriping of the pavement, minor curb and gutter and sidewalk repairs, the adjustement and the repair of sanitary, storm, and water structures as they are encountered. At the conclusion of the project all disturbed areas will be restored.

Justification & Comments

The Oak Street corridor has an ADT average daily traffic volume of 11,850 vehicles. It is important to maintain the pavement on a scheduled basis to avoid the higher costs of a full reconstruction.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget and will prevent future road maintenance repairs.

		Cost & Fund	ling			
Project Costs	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Engineering	\$ -	\$ 50,000	\$ 145,000	\$ -	\$ -	\$ 195,000
Construction	-	-	125,000	675,000	-	800,000
Total	\$ -	\$ 50,000	\$ 270,000	\$ 675,000	\$ -	\$ 995,000

Funding Sources	2	2024-25	2025-26	2026-27	2027-28	2028-29	Total
MFT Revenues/Reserves	\$		\$ -	\$ 125,000	\$ 675,000	\$ -	\$ 800,000
Capital Projects Revenue/Reserve		-	50,000	145,000	-	-	195,000
Total	\$	-	\$ 50,000	\$ 270,000	\$ 675,000	\$ -	\$ 995,000



Project Number

CIP-3

Project Name

Property Purchases

Location

Areas within the Rt. 31 TIF



Project Scope

As various properties and land become available within the TIF, the Village considers purchasing for future redevelopment. Funds are designated each year for the acquisition of property within the TIF should anything become available.

Justification & Comments

Redevelopment of the area will lead to increased property values, new businesses, and potential revenue sources for the Village.

Impacts on Operating Budgets

The purchase of property may result in costs associated with appraisal and maintenance, depending on the acquisition.

			Co	st & Fund	ing						
Project Costs	2024-	25	2	2025-26		2026-27	2	027-28	20	28-29	Total
Property Acquisition	\$	-	\$	300,000	\$	-	\$	-	\$	-	\$ 300,000
Total	\$	-	\$	300,000	\$	-	\$	-	\$	-	\$ 300,000

Funding Sources	2024-25		2025-26	2026-27	2027-28	12	2028-29	Total
Rt. 31 TIF Revenues/Reserve	\$ -	\$	300,000	\$ -	\$ -	\$	-	\$ 300,000
Total	\$ -	\$	300,000	\$ -	\$ -	\$	-	\$ 300,000





Project Number

CIP-4

Project Name

Intersection of Airport Road/Route 31

Location

Intersection of Airport Road/Route 31



Project Scope

The intersection geometrics have been redesigned to accommodate the appropriate curves at the intersection corners, which will allow for additional clearance between the turning trucks, edge of pavement and opposing traffic. The adjacent sidewalk will need to be modified to maintain both pedestrian crossing across IL Route 31 and the bus stop pad. With the extension of the sidewalk a new pedestrian crossing can be implemented across Airport Road. The geometric improvements to the intersection will require that the existing traffic signal be modified. Most of the existing signal will not be reused and the existing installation does not meet the current IDOT of federal signal head standards, all new equipment should be used.

Justification & Comments

The subject intersection is signalized where Airport Road tees into IL Route 31 (from the west). Airport Road indirectly connects with Randall Road through the use of Alder Dr. The intersection serves the Tollway Park of Commerce and PACE bus route 802 which runs on Airport Road and IL Route 31. The intersection geometrics do not allow for fluid movement of truck traffic to/from IL Route 31. More specifically, the eastbound to southbound right-turn for semi-trucks cannot made if there are vehicles present in the northbound left turn lane. Semi-trucks cannot make the northbound left turn from IL Route 31 to westbound Airport Road if vehicles are queued in the eastbound left turn lane.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget.

			Co	st & Fund	ing							
Project Costs		2024-25	2	025-26	2	2026-27	2	2027-28	2	028-29		Total
Engineering	\$	75,000	\$	-	\$	-	\$	-	\$	-	\$	75,000
Consulting		13,500		-		-		-		-		13,500
Construction		575,000		-		-		-		-		575,000
ROW Acquisition		25,000		-		-		-		-		25,000
Total	Ś	688,500	Ś	-	\$	-	Ś	-	Ś	-	Ś	688,500

Funding Sources	2	2024-25	- 2	2025-26	- 2	2026-27	2	2027-28	2	2028-29	Total
United TIF Revenues/Reserve	\$	188,500	\$	-	\$	-	\$	-	\$	-	\$ 188,500
Grants		500,000		-		-		-		-	500,000
Total	\$	688,500	\$	-	\$	-	\$	-	\$	-	\$ 688,500





Project Number

CIP-5

Project Name

Route 31 Sidewalk Extension

Location

Various Locations along Route 31



Project Scope

The project entails the installation of concrete sidewalk along Route 31 in locations where gaps exist. This also includes restoration of grass and paved areas adjacent to the sidewalk installation. Six gaps exist for a total length of 2,500 feet.

Justification & Comments

Route 31 through the Village has a significant amount of pedestrian activity due to the retail, restaurant, library, and senior housing along the corridor. At times pedestrians are seen walking in the street due to no existing walking routes along sections of the corridor. Though the roadway is under the jurisdiction of the State, they do not have funding for the installation of sidewalk along State routes. The Village installation the sidewalk will improve safety for pedestrians and improve access to Village businesses. Engineering is planned to be completed by Village staff.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget.

			Cos	st & Fund	ing							
Project Costs 2024-25 2025-26 2026-27 2027-28 2028-29 Total												Total
Construction	\$	100,000	\$	-	\$	100,000	\$	-	\$	100,000	\$	300,000
Total	\$	100,000	\$	-	\$	100,000	\$		\$	100,000	\$	300,000

Funding Sources	2024-25		2025-26		2026-27		2027-28		2028-29		Total
United TIF Revenues/Reserve	\$	100,000	\$	-	\$	100,000	\$	-	\$	100,000	\$ 300,000
Total	\$	100,000	\$	-	\$	100,000	\$	-	\$	100,000	\$ 300,000





Project Number

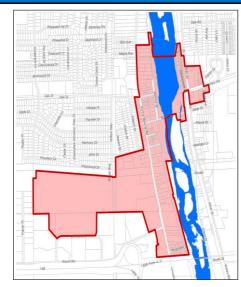
CIP-6

Project Name

Property Purchases

Location

Areas within the United TIF



Project Scope

As various properties and land become available within the TIF, the Village considers purchasing for future redevelopment. Funds are designated each year for the acquisition of property within the TIF should anything become available.

Justification & Comments

Redevelopment of the area will lead to increased property values, new businesses, and potential revenue sources for the Village.

Impacts on Operating Budgets

The purchase of property may result in costs associated with appraisal and maintenance, depending on the acquisition.

	Cost & Funding													
Project Costs	- 2	2024-25		2025-26		2026-27		2027-28		2028-29		Total		
Property Acquisition	\$	700,000	\$	300,000	\$	300,000	\$	300,000	\$	300,000	\$	1,900,000		
Total	\$	700,000	\$	300,000	\$	300,000	\$	300,000	\$	300,000	\$	1,900,000		

Funding Sources	2024-25		2025-26	2026-27	2027-28	2028-29	Total
United TIF Revenues/Reserve	\$ 700,000	\$	300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,900,000
Total	\$ 700,000	\$	300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,900,000

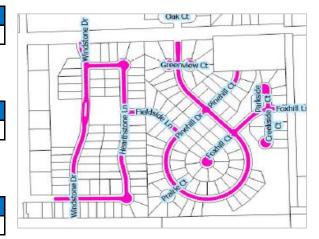


Project Number

CIP-7

Project Name

Annual Road Program



Location

Various

Project Scope

The 2024 annual road program includes the pavement replacement of 19 streets for a total of 3.3 miles of improvements. The 2024 program includes the Windstone Place and Oak Hill subdivisions, as well as other miscellaneous streets throughout the Village. Each year, the Village reviews the condition of its street inventory and makes recommendations for replacement.

Justification & Comments

The purpose of the annual maintenance program is to maintain a safe and functional road network for emergency response vehicles, residents, visitors, and trasportation of goods. Annual maintenance programs target streets in disrepair and rehabilitates them to a higher level of service.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget and will prevent future road maintenance repairs.

		Cost & Fund	ing			
Project Costs	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Construction	\$ 2,086,000	\$ 1,850,000	\$ 1,905,500	\$ 1,962,665	\$ 2,021,545	\$ 9,825,710
Total	\$ 2,086,000	\$ 1,850,000	\$ 1,905,500	\$ 1,962,665	\$ 2,021,545	\$ 9,825,710

Funding Sources	2024-25		2025-26	2026-27	2027-28	2028-29	Total
Capital Projects Revenue/Reserve	\$ 2,086,000	\$	1,850,000	\$ 1,905,500	\$ 1,962,665	\$ 2,021,545	\$ 9,825,710
Total	\$ 2,086,000	\$	1,850,000	\$ 1,905,500	\$ 1,962,665	\$ 2,021,545	\$ 9,825,710





Project Number

CIP-8

Project Name

Police Department RTU Replacements



Location

Police Department

Project Scope

The 2024-25 budget includes the replacement of two roof top units at the Police Department facility. Future replacements are scheduled to occur based on condition and age.

Justification & Comments

Replacing Roof Top Units (RTU) on a planned schedule is part of preventative maintenance to ensure the HVAC system continuously functions properly at the police station.

Impacts on Operating Budgets

The future cost of breakdowns and emergency repairs is expected to decrease with newer units.

Cost & Funding													
Project Costs		2024-25		2025-26		2026-27		2027-28	2	2028-29		Total	
Equipment	\$	100,000	\$	50,000	\$	50,000	\$	50,000	\$	-	\$	250,000	
Total	\$	100,000	\$	50,000	\$	50,000	\$	50,000	\$	-	\$	250,000	

Funding Sources	2024-25		2025-26	2026-27	2027-28	2028-29	Total
Capital Projects Revenue/Reserve	\$ 100,000	\$	50,000	\$ 50,000	\$ 50,000	\$ -	\$ 250,000
Total	\$ 100,000	\$	50,000	\$ 50,000	\$ 50,000	\$ -	\$ 250,000



Project Number

CIP-9

Project Name

Bollard Replacement



Location

Police Department

Project Scope

Replacement of aging bollards in front of the Police Department.

Justification & Comments

The current bollards have begun to crack and deteriorate. Replacement is necessary to prevent any future safety issues that may arise.

Impacts on Operating Budgets

This project is not expected to have a major impact on future operating budgets.

Cost & Funding													
Project Costs	202	4-25	202	5-26	202	26-27	20	27-28	20	28-29		Total	
Equipment	\$	45,000	\$	-	\$	-	\$	-	\$	-	\$	45,000	
Total	\$	45,000	\$	-	\$	-	\$	-	\$	-	\$	45,000	

Funding Sources	2024-25		2025-26	:	2026-27	2	2027-28	20	28-29	Total
Capital Projects Revenue/Reserve	\$	45,000	\$ -	\$	-	\$	-	\$	-	\$ 45,000
Total	\$	45,000	\$ -	\$	-	\$	-	\$	-	\$ 45,000





Project Number

CIP-10

Project Name

Boiler Replacement



Location

Police Department

Project Scope

This project would remove and replace the existing boiler to continue to provide a controlled environment in the Police Department.

Justification & Comments

The boiler is getting old and could fail at any time. The boiler is the critical component of maintaining a comfortable climate during cold weather.

Impacts on Operating Budgets

Replacement is expected to result in lower repair and maintenance costs.

Cost & Funding														
Project Costs	- 2	2024-25	20	25-26	20	026-27	2	027-28	20	28-29		Total		
Equipment	\$	120,000	\$	-	\$	-	\$	-	\$	-	\$	120,000		
Total	\$	120,000	\$	-	\$	-	\$	-	\$	-	\$	120,000		

Funding Sources	2024-25		2025-26	2026-27	2027-28	20	028-29	Total
Capital Projects Revenue/Reserve	\$	120,000	\$ -	\$ -	\$ -	\$	-	\$ 120,000
Total	\$	120,000	\$ -	\$ -	\$ -	\$		\$ 120,000





Project Number

CIP-11

Project Name

Boiler Replacement

Location

Village Hall



Project Scope

This project would remove and replace the existing boiler to continue to provide a controlled environment in the Village Hall.

Justification & Comments

The boiler is getting old and could fail at any time. The boiler is the critical component of maintaining a comfortable climate during cold weather.

Impacts on Operating Budgets

Replacement is expected to result in lower repair and maintenance costs.

Cost & Funding														
Project Costs	2	024-25	20	25-26	20	26-27	20	027-28	20	28-29		Total		
Equipment	\$	60,000	\$	-	\$	-	\$	-	\$	-	\$	60,000		
Total	\$	60,000	\$	-	\$	-	\$	-	\$	-	\$	60,000		

Funding Sources	2024-25		2025-26	2026-27	2	2027-28	2	028-29	Total
Capital Projects Revenue/Reserve	\$	60,000	\$ -	\$ -	\$	-	\$	-	\$ 60,000
Total	\$	60,000	\$ -	\$ -	\$	-	\$	-	\$ 60,000





Project Number

CIP-12

Project Name

HVAC System Replacement

Location

Village Hall



Project Scope

This project involves the replacement of the aging HVAC system within Village Hall.

Justification & Comments

The Village Hall HVAC system is nearing its replacement cycle. As the system has aged, it has become less reliable and is more prone to breaking down.

Impacts on Operating Budgets

Replacement is expected to result in lower repair and maintenance costs.

Cost & Funding									
Project Costs	2024-25 2025-26		2026-27	2027-28	2028-29	Total			
Equipment	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ 120,000			
Total	\$ -	\$ -	\$ 120,000	\$ -	\$ -	\$ 120,000			

Funding Sources	2024-25		2025-26		2026-27		2027-28		2028-29		Total	
Capital Projects Revenue/Reserve	\$	-	\$	-	\$	120,000	\$	-	\$	-	\$	120,000
Total	\$	-	\$	-	\$	120,000	\$	-	\$	-	\$	120,000





Project Number

CIP-13

Project Name

BAS Upgrades

Location

Village Hall, Police Department



Project Scope

The Building Automation System (BAS) is used to reguluate the temperature in the Village Hall and Police Department. A new BAS would combine both systems into a platform that could be utlilized by employees to examine both systems, regulate temperatures, and troubleshoot problems as they arise.

Justification & Comments

The BAS can be used by staff and contracted repair professionals to diagnose and resolve HVAC issues at public facilities remotely reducing the costs of on site service calls.

Impacts on Operating Budgets

This project may lead to reduced maintenance and utility costs in future operating budgets.

		Cost & Fund	ling			
Project Costs	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Equipment	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000
Total	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Funding Sources	2	2024-25	2	025-26	2	2026-27	2027-28	20	028-29	Total
Capital Projects Revenue/Reserve	\$	-	\$	-	\$	-	\$ 100,000	\$	-	\$ 100,000
Total	\$	-	\$	-	\$	-	\$ 100,000	\$	-	\$ 100,000

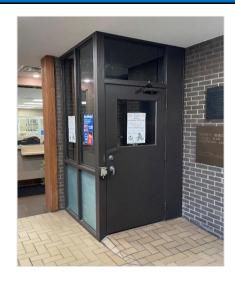




Project Number	
CIP-14	

Project Name Lift Replacement

Location Village Hall



Project Scope

Replacement of the lift in the Village Hall lobby.

Justification & Comments

The current lift is malfunctioning and is no longer reliable. Without a properly working lift, the second floor of Village Hall may not be accessible to all visitors.

Impacts on Operating Budgets

Replacement is expected to result in lower repair and maintenance costs.

			Cos	t & Fund	ing						
Project Costs	2	2024-25	20	25-26	20	26-27	20	27-28	20	28-29	Total
Equipment	\$	100,000	\$	-	\$	-	\$	-	\$	-	\$ 100,000
Total	\$	100,000	\$	-	\$	-	\$	-	\$	-	\$ 100,000

Funding Sources	:	2024-25	2025-26	2026-27	2027-28	2	028-29	Total
Capital Projects Revenue/Reserve	\$	100,000	\$ -	\$ -	\$ -	\$	-	\$ 100,000
Total	\$	100,000	\$ -	\$ -	\$ -	\$	-	\$ 100,000



Project Number

CIP-15

Project Name

Deerpath Rd./Orchard Gateway Resurfacing

Location

Deerpath Rd. and Orchard Gateway



Project Scope

The project includes the resurfacing of the pavement on Orchard Gateway Blvd. and Deerpath Rd. west of Orchard Rd.

Justification & Comments

The purpose of the annual maintenance program is to maintain a safe and functional road network for emergency response vehicles, residents, visitors, and trasportation of goods. The Village is in the process of applying for grant funding towards this project.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget and will prevent future road maintenance repairs.

			Cos	t & Fund	ing				
Project Costs	20	024-25	20	25-26	- 2	2026-27	2027-28	2028-29	Total
Engineering	\$	-	\$	-	\$	25,000	\$ 50,000	\$ 80,000	\$ 155,000
ROW Acquisitions		-		-		-	100,000	-	100,000
Total	\$	-	\$	-	\$	25,000	\$ 150,000	\$ 80,000	\$ 255,000

Funding Sources	202	2024-25		2025-26		2026-27		2027-28	2	2028-29	Total		
Capital Projects Revenue/Reserve	\$	-	\$	-	\$	25,000	\$	150,000	\$	80,000	\$	255,000	
Total	\$	-	\$	-	\$	25,000	\$	150,000	\$	80,000	\$	255,000	

Long-Term Capital Improvement Program



Project Description Worksheet

Project Number

CIP-16

Project Name

Riverfront Park

Location

Between the Village Hall and Fox River Trail



Project Scope

On behalf of the Village, Teska and Associates created the Riverfront Park Landscape Master Plan in 2017. The enhancements are designed to help utilize the park for a community gathering space as well as offer amenities for passive recreational uses. The project includes options such as creating a public seating/viewing plaza, entertainment pavilion, boardwalk, pathways, public art improvements, hillside seating and upgrades to the Water Wonders feature currently in the park.

Justification & Comments

This project coincides with the Village's strategic plan goals to make improvements to Riverfront Park and create a community focal point near the Fox River. The park has been recently utilized for Independence Day Fireworks and North Aurora Days. Phase One of the Riverfront Plan includes the design and implementation of the park plaza, which is intended to create an enhanced entrance to the park a space that's mindful of the natural site features, with fluid lines meandering through the park connecting various nodes and comfort features. Features would include a fireplace, fishing pole holders, stone seat walls, tables and chairs and boulder outcroppings.

Impacts on Operating Budgets

The Village anticipates the maintenance costs for improvements to Riverfront Park to be approximately \$10,000 annually depending on the improvements and features to be included, as well as upkeep and maintenance, and annual costs could trend to be more.

Cost & Funding													
Project Costs		2024-25	20	025-26	2	2026-27	- 2	2027-28	2	2028-29		Total	
Engineering	\$	-	\$	-	\$	-	\$	117,000	\$	-	\$	117,000	
North Plaza/Parking Lot Updates		-		-		-		450,000		-		450,000	
Hillside Seating		-		-		-		-		45,000		45,000	
South Plaza/Pavilion		-		-		-				500,000		500,000	
Electrical/Lighting Upgrades		100,000		-		-		-		-		100,000	
Tot	al \$	100,000	\$	-	\$	-	\$	567,000	\$	545,000	\$	1,212,000	

Funding Sources	2	2023-24	2024-25	2025-26	7	2026-27	2	2027-28	Total
Capital Projects Revenue/Reserve	\$	100,000	\$ -	\$ -	\$	567,000	\$	545,000	\$ 1,212,000
Total	\$	100,000	\$ -	\$ -	\$	567,000	\$	545,000	\$ 1,212,000





Project Number

CIP-17

Project Name

Village Message Board



Location

TBD

Project Scope

Installation of a second electronic Village community message board.

Justification & Comments

The current message board at the corner of Route 31 and State St. is a source of distributing Village news to the numerous people that pass each day. Installing a second sign at another location will increase the Village's outreach efforts to residents.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget.

			Cos	t & Fund	ing						
Project Costs	2	024-25	20	25-26	20	26-27	20	27-28	20	28-29	Total
Equipment	\$ 75,00				\$	-	\$	-	\$	-	\$ 75,000
Total	\$	75,000	\$	-	\$	-	\$	-	\$	-	\$ 75,000

Funding Sources	2	2024-25	2025-26	2026-27	2027-28	2	2028-29	Total
Capital Projects Revenue/Reserve	\$	75,000	\$ -	\$ -	\$ -	\$	-	\$ 75,000
Total	\$	75,000	\$ -	\$ -	\$ -	\$	-	\$ 75,000





Project Number

CIP-18

Project Name

Veterans Memorial Improvements



Location

N Willoway

Project Scope

This project will add additional attractions to the current memorial.

Justification & Comments

Enhancing the memorial pays tribute to those that served and could make it an attraction for visitors to the Village.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget.

			Cost	& Fund	ing						
Project Costs	2	024-25	202	25-26	20	26-27	20	027-28	20	28-29	Total
Equipment	t \$ 50,0					-	\$	-	\$	-	\$ 50,000
Total	\$	50,000	\$	-	\$	-	\$	-	\$	-	\$ 50,000

Funding Sources	2	2024-25	2025-26	2026-27	2	2027-28	2	028-29	Total
Capital Projects Revenue/Reserve	\$	50,000	\$ -	\$ -	\$	-	\$	-	\$ 50,000
Total	\$	50,000	\$ -	\$ -	\$	-	\$	-	\$ 50,000





Project Number

CIP-19

Project Name

Future Watermain Replacements

Location

Various



Project Scope

The Village annually reviews the condition of watermains and plans replacements based on the age and condition of existing watermains. Future replacement areas are still being identified as part of a water system master plan. Areas currently identified include: Aspen Ct. and Route 31 and Marvo St. valve replacement.

Justification & Comments

Watermains identified are close to the end of their useful lives and have a greater risk of failure.

Impacts on Operating Budgets

Normal replacement of aging watermains can lead to reduced emergency repair costs.

		Cos	t & Fund	ing						
Project Costs	2024-25	2025-26			2026-27		2027-28		28-29	Total
Construction	\$ 400,000	\$	-	\$	-	\$	-	\$	-	\$ 400,000
Total	\$ 400,000	\$	-	\$	-	\$		\$	-	\$ 400,000

Funding Sources	:	2024-25	2025-26	- 2	2026-27	2027-28	20	028-29	Total
Waterworks Fund	\$	400,000	\$ -	\$	-	\$ -	\$	-	\$ 400,000
Total	\$	400,000	\$ -	\$	-	\$ -	\$	-	\$ 400,000





Project Number

CIP-20

Project Name

Watermain Lining



Location

Clearwater Dr., Lovedale Ln., Offutt Ln.

Project Scope

The scope of the project includes the lining of the aged water main, replacement of water valves, fire hydrants, and restoration. To line the water main, an above grade temporary water service system is put in place by the contractor as they need to excavate access pits for televising, cleaning and then lining the water main.

Justification & Comments

The project has been approved for a grant from the Kane County Community Development Fund as a part of a Community Development Block Grant (CDBG).

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget and will prevent future watermain breaks.

			Cos	t & Fund	ing						
Project Costs	2	2024-25	20	25-26	20	26-27	20	27-28	20	28-29	Total
Construction	\$	500,000	\$	-	\$	-	\$	-	\$	-	\$ 500,000
Total	\$	500,000	\$	-	\$	-	\$	-	\$	-	\$ 500,000

Funding Sources	:	2024-25	2025-26	2026-27	2027-28	2	028-29	Total
Waterworks Revenues/Reserve	\$	500,000	\$ -	\$ -	\$ -	\$	-	\$ 500,000
Total	\$	500,000	\$ -	\$ -	\$ -	\$		\$ 500,000





Project Number

CIP-21

Project Name

River Crossing Water Main



Location

Fox River

Project Scope

Depending upon the outcome of a river crossing feasibilty study and staff recommendations, the project could include the replacement of existing water mains, the installation of a new water main, or the lining of one or more of the existing water mains.

Justification & Comments

Study to determine method for replacement or rehabilitation of two of the Fox River water main crossings. The water mains crossing the Fox River are critical componenets of the water system as there are only three crossings total linking the east and west sides of the Village.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget.

Cost & Funding													
Project Costs	2024-25	2025-26	2026-27	2027-28	2028-29	Total							
Construction	\$ -	\$ -	\$ 450,000	\$ -	\$ -	450,000							
Total	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ 450,000							

Funding Sources	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Waterworks Revenues/Reserve	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ 450,000
Total	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ 450,000





Project Number

CIP-22

Project Name

Central Tower Watermain Reconfiguration

Location

West Treatment Plant/Central Water Tower



Project Scope

Due to closed valves, the watermains through the central tower currently have a dead end. This project will correct the dead end to allow water to flow directly through the main.

Justification & Comments

Eliminating the dead end will prevent stale water within the system.

Impacts on Operating Budgets

This project is not anticipated to significantly impact the annual operating budget.

Cost & Funding													
Project Costs	20	024-25	20	025-26	2026-27		2	027-28	20	028-29		Total	
Construction	\$	30,000	\$	-	\$	-	\$	-	\$	-		30,000	
Total	\$	30,000	\$	-	\$	-	\$	-	\$	-	\$	30,000	

Funding Sources	2024-25		2025-26		2026-27		2027-28	- 2	2028-29	Total
Waterworks Revenues/Reserve	\$	30,000	\$	-	\$	-	\$ -	\$	-	\$ 30,000
Total	\$	30,000	\$	-	\$	-	\$ -	\$	-	\$ 30,000



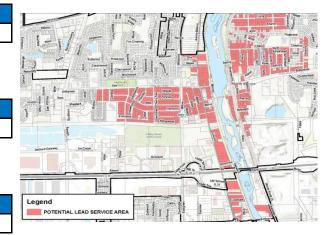


Project Number

CIP-23

Project Name

Lead Service Line Replacement



Location

Various

Project Scope

This project involves identifying homes within the Village that may contain lead service water lines. Once identified, the Village will replace the lead service lines leading into the homes.

Justification & Comments

Replacement of lead service lines is a requirement by the Illinois Environmental Protection Agency (IEPA)

Impacts on Operating Budgets

This project may be partially funded with IEPA loans, which will have future principal and interest repayments.

Cost & Funding													
Project Costs	2	2024-25	2025-26		2026-27			2027-28		2028-29		Total	
Engineering	\$	30,000	\$	-	\$	-	\$	-	\$	-	\$	30,000	
Construction		-		-		-		300,000		300,000		600,000	
Total	\$	30,000	\$	-	\$	-	\$	300,000	\$	300,000	\$	630,000	

Funding Sources	20	2024-25		2025-26		2026-27		2027-28	2028-29	Total
Waterworks Revenues/Reserve	\$	30,000	\$	-	\$	-	\$	300,000	\$ 300,000	\$ 630,000
Total	\$	30,000	\$	-	\$	-	\$	300,000	\$ 300,000	\$ 630,000



Project Number

CIP-24

Project Name

Water Well #6 Improvements



Location

Alder Drive

Project Scope

This project includes the pump and motor rehabilitation which is performed as recommended by diagnostic tests.

Justification & Comments

The pumps and motors in wells are pulled to the surface at regular intervals to perform maintenance and extend their useful life.

Impacts on Operating Budgets

			Cos	t & Fund	ing						
Project Costs	2	2024-25	20	25-26	20	026-27	2	027-28	20	28-29	Total
Construction	\$	300,000	\$	-	\$	-	\$	-	\$	-	\$ 300,000
Total	\$	300,000	\$	-	\$	-	\$	-	\$	-	\$ 300,000

Funding Sources	2	2024-25	2025-26	2	2026-27	2027-28	20	28-29	Total
Waterworks Revenues/Reserve	\$	300,000	\$ -	\$	-	\$ -	\$	-	\$ 300,000
Total	\$	300,000	\$ -	\$	-	\$ -	\$	-	\$ 300,000



Project Number

CIP-25

Project Name

Water Well #7 Improvements

Location

Hickory Street



Project Scope

This project includes the pump and motor rehabilitation which is performed as recommended by diagnostic tests.

Justification & Comments

The pumps and motors in wells are pulled to the surface at regular intervals to perform maintenance and extend their useful life.

Impacts on Operating Budgets

		Cost & Fund	ing			
Project Costs	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Construction	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
Total	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000

Funding Sources	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Waterworks Revenues/Reserve	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
Total	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000



Project Number

CIP-26

Project Name

Water Well #8 Improvements



Location

Randall Road

Project Scope

This project includes the pump and motor rehabilitation which is performed as recommended by diagnostic tests.

Justification & Comments

The pumps and motors in wells are pulled to the surface at regular intervals to perform maintenance and extend their useful life.

Impacts on Operating Budgets

		Cost & Fund	ing			
Project Costs	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Construction	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ 350,000
Total	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ 350,000

Funding Sources		2024-25	2025-26	:	2026-27	2027-28	2	028-29	Total
Waterworks Revenues/Reserve	\$	-	\$ -	\$	350,000	\$ -	\$	-	\$ 350,000
Tot	al \$	\$ -	\$ -	\$	350,000	\$ -	\$	-	\$ 350,000





Project Number

CIP-27

Project Name

Water Well #4 Improvements



Location

Princeton Dr.

Project Scope

This project includes the pump and motor rehabilitation which is performed as recommended by diagnostic tests.

Justification & Comments

The pumps and motors in wells are pulled to the surface at regular intervals to perform maintenance and extend their useful life.

Impacts on Operating Budgets

			Cost	& Fund	ing						
Project Costs	2024	4-25	202	25-26	20	26-27	2	2027-28	20	28-29	Total
Construction	\$	-	\$	-	\$	-	\$	350,000	\$	-	\$ 350,000
Total	\$	-	\$	-	\$	-	\$	350,000	\$	-	\$ 350,000

Funding Sources	20	024-25	20	25-26	20	026-27	2027-28	20	28-29	Total
Waterworks Revenues/Reserve	\$	-	\$	-	\$	-	\$ 350,000	\$	-	\$ 350,000
Total	\$	-	\$	-	\$	-	\$ 350,000	\$	-	\$ 350,000





Project Number

CIP-28

Project Name

Water Well #9 Improvements



Location

Feltes Ln.

Project Scope

This project includes the pump and motor rehabilitation which is performed as recommended by diagnostic tests.

Justification & Comments

The pumps and motors in wells are pulled to the surface at regular intervals to perform maintenance and extend their useful life.

Impacts on Operating Budgets

			Cos	t & Fund	ing						
Project Costs	202	24-25	20	25-26	20	26-27	20	27-28	2	2028-29	Total
Construction	\$	-	\$	-	\$	-	\$	-	\$	350,000	\$ 350,000
Total	\$	-	\$	-	\$	-	\$	-	\$	350,000	\$ 350,000

Funding Sources		2024-25	:	2025-26	7	2026-27	2027-28	2028-29	Total
Waterworks Revenues/Reserve	\$	-	\$	-	\$	-	\$ -	\$ 350,000	\$ 350,000
Tot	al \$	\$ -	\$	-	\$	-	\$ -	\$ 350,000	\$ 350,000



Project Number

CIP-29

Project Name

East Treatment Plant Improvements



Location

Near Butterfield Road

Project Scope

Improvements scheduled for the East Treatment Plant include: replacement of poly tanks, flow meter replacement, and a HVAC unit.

Justification & Comments

These improvements are necessary to keep the treatment plant operating in a safe manner.

Impacts on Operating Budgets

			Co	st & Func	ling	3				
Project Costs	Project Costs 2024-25					2026-27	:	2027-28	2028-29	Total
Construction	\$	110,000	\$	-	\$	-	\$	-	\$ -	\$ 110,000
Total	\$	110,000	\$	-	\$	-	\$	-	\$ -	\$ 110,000

Funding Sources	2	2024-25	2025-26	2026-27	2027-28	2	028-29	Total
Waterworks Revenues/Reserve	\$	110,000	\$ -	\$ -	\$ -	\$	-	\$ 110,000
Total	\$	110,000	\$ -	\$ -	\$ -	\$	-	\$ 110,000



Project Number

CIP-30

Project Name

West Water Treatment Pant Improvements



Location

Near Princeton Drive

Project Scope

Improvements scheduled for the West Treatment Plant include: replacement of poly tanks, replacement of HMO pump, and HVAC unit.

Justification & Comments

These improvements are necessary to keep the treatment plant operating in a safe manner.

Impacts on Operating Budgets

		Cos	t & Fund	ing						
Project Costs	2024-25	20	25-26	20	026-27	2	027-28	20	28-29	Total
Construction	\$ 195,000	\$	-	\$	-	\$	-	\$	-	\$ 195,000
Total	\$ 195,000	\$	-	\$	-	\$	-	\$	-	\$ 195,000

Funding Sources	2024	-25	2	2025-26	20	026-27	2	2027-28	20	28-29	Total
Waterworks Fund	\$ 19	95,000	\$	-	\$	-	\$	-	\$	-	\$ 195,000
Total	\$ 19	5,000	\$	-	\$	-	\$	-	\$	-	\$ 195,000

Long-Term Capital Improvement Program



Project Description Worksheet

Project Number

CIP-31

Project Name

Central Water Tower

Location

Near Princeton Drive



Project Scope

This project entails the siting, engineering and construction of a new water tower. The additional water tower will improve the Village's fire flow capacity as well as the ability to store a sufficient supply of finished water. The additional storage of 750,000 gallons of water will increase the Village's storing capacity to 2.25 million gallons, allowing the Village to provide a 24 hour supply of water to users during an extreme event (current daily pumping is 1.8 million gallons per day).

Justification & Comments

The water tower will be painted with the same pattern that will be painted on the westside water tower which will feature the Village's new logo.

Impacts on Operating Budgets

The additional water tower will require electricity and other nominal operating costs estimated to be approximately \$10,000 a year. Approximately every 15-20 years inside/outside maintenance would be needed at approximately \$250,000.

		C	ost & Fund	ing				
Project Costs	2024-25		2025-26		2026-27	2027-28	2028-29	Total
Engineering	\$ 75,000	\$	-	\$	-	\$ -	\$ -	\$ 75,000
Construction	1,000,000		6,000,000		-	-	-	7,000,000
Total	\$ 1,075,000	\$	6,000,000	\$	-	\$ -	\$ -	\$ 7,075,000

Funding Sources	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Waterworks Fund	\$ 1,075,000	\$ 6,000,000	\$ -	\$ -	\$ -	\$ 7,075,000
Total	\$ 1,075,000	\$ 6,000,000	\$ -	\$ -	\$ -	\$ 7,075,000





Project Number

CIP-32

Project Name

Water Tower Mixers



Location

East and West Towers

Project Scope

This project involves the installation of mixers in both the east and west water towers.

Justification & Comments

Installing mixers in the water towers will allow the Village to increase water levels within the towers without the water becoming stagnant. Increasing the water levels will result in increased water pressure.

Impacts on Operating Budgets

		Cost & Fund	ing			
Project Costs	2024-25	2025-26	2026-27	2027-28	2028-29	Total
Construction	100,000	-	-	-	-	100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Funding Sources	2024-25	2025-26	2026-27	2027-28	2	2028-29	Total
Waterworks Fund	\$ 100,000	\$ -	\$ -	\$ -	\$	-	\$ 100,000
Total	\$ 100,000	\$ -	\$ -	\$ -	\$	-	\$ 100,000





Project Number

CIP-33

Project Name

East Water Tower Rehabilitation



Location

Near Butterfield Road

Project Scope

Periodically water towers need to be studied to determine the necessary maintenance operations need to be performed. The results of the study would provide recommendations on the necessary improvements which would primarily address the condition of interior and exterior coatings as well as prevenative maintenance of mechanical systems.

Justification & Comments

Periodic maintenance is needed to extend the useful life of the water tower.

Impacts on Operating Budgets

			Cos	t & Fund	ing					
Project Costs	2	024-25	20	25-26	2	2026-27	2	027-28	 2028-29	Total
Construction	\$	-	\$	-	\$	-	\$	-	\$ 800,000	\$ 800,000
Total	\$	-	\$	-	\$	-	\$	-	\$ 800,000	\$ 800,000

Funding Sources	2	2024-25	- 2	2025-26	- 2	2026-27	:	2027-28	2028-29	Total
Waterworks Revenues/Reserve	\$	-	\$	-	\$	-	\$	-	\$ 800,000	\$ 800,000
Total	\$	-	\$	-	\$	-	\$	-	\$ 800,000	\$ 800,000





Project Number

CIP-34

Project Name

Upgrade SCADA

Location

Various Facilities



Project Scope

The water system uses a computer system called SCADA to communicate between the wells, treatments plants, and water towers. This project would evaluate the existing system and provide reccomendations to upgrade or overhaul the system, and then implement the proposed improvements.

Justification & Comments

An updated SCADA system would provide reliable and effective communications between wells, treatment plants, and water towers that would present system information to the operators so they could adjust, monitor, and troubleshoot the various components of the water system.

Impacts on Operating Budgets

		Cos	st & Fund	ing						
Project Costs	2024-25	20)25-26	2	026-27	2	027-28	20	28-29	Total
Equipment	\$ 600,000	\$	-	\$	-	\$	-	\$	-	\$ 600,000
Total	\$ 600,000	\$	-	\$	-	\$	-	\$	-	\$ 600,000

Funding Sources	- 2	2024-25	2025-26	14	2026-27	2027-28	20	028-29	Total
Waterworks Revenues/Reserve	\$	600,000	\$ -	\$	-	\$ -	\$	-	\$ 600,000
Total	\$	600,000	\$ -	\$	-	\$ -	\$	-	\$ 600,000

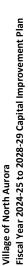
Village of North Aurora Fiscal Year 2024-25 to 2028-29 Capital Improvement Plan



Future Projects

In addition to capital projects planned over the next five years, the Village has numerous projects on the horizon that are still being investigated. Items identified as future projects do not have target years assigned. In many cases, the overall project need, scope, and cost estimate is still being evaluated and, in some cases, is not currently available. As a result, the Village may identify other solutions and remove or revise these projects in future capital plans.

The following pages identify various projects the Village is currently considering. These projects are in various stages of the evaluation process, including, needs assessment, concept planning, or determination of source of funding. It is likely that some of these projects may not proceed past the evaluation stage.



Future Projects Listing



No timeframe has been set. This has been identified as a need, but the timing is dependent on available funding. No timeframe has been set. This item may appear in a future capital plan as a needs assessment is completed. 5,000,000 Anticipated future maintenance and improvements, timing to be determined based on condition. Anticipated future maintenance and improvements, timing to be determined based on condition. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. Concept plans are being developed and considered. No scope or timeframe is set on this project. 2,300,000 Identified for future replacement, the timing of design and construction is to be determined. 1,300,000 Identified for future replacement, the timing of design and construction is to be determined. 4,795,000 Identified for future replacement, the timing of design and construction is to be determined. 2,700,000 Identified for future replacement, the timing of design and construction is to be determined. Identified for future replacement, the timing of design and construction is to be determined. The timing and cost of this project is dependent on the IL Department of Natural Resources. 18,800,000 Design is currrently underway. A timeframe for this project will be set upon approval. Current Status 5,000,000 900,000 Estimated **Total Cost** TBD TBD 99 TBD TBD 1BD TBD 9 BD TBD Capital Projects Waterworks Waterworks Waterworks Waterworks Waterworks Fund West Treatment Plant - Mechanical Upgrades East Treatment Plant - Mechanical Upgrades Water Treatment Plant Improvements Security System Upgrade - All Facilities Route 31 - South to North Boundary Harmony - Cherrytree to Walnut **Riverfront Park Improvements** Water Wonders Improvements Fox River Dam Improvements Miscellaneous Improvements Miscellaneous Improvements Restoration & Illumination Watermain Replacements New Public Works Facility **Public Art Enhancements** Silo Park Improvements Pathway Improvements Village Facility Projects Fiber Optic Installation **Backyard Watermains** Dam Removal Project Kayak Launch Boardwalk Deck Base Route 25 Lighting Project

12,500,000 Identified as a potential need dependent on the Village's future water consumption. No timeframe has been set.

Waterworks

New Treatment Plant



Village of North Aurora Fiscal Year 2024-25 to 2028-29 Capital Improvement Plan

Future Projects Listing

		Estimated Current	Current
Project	Fund	Total Cost Status	Status
Water Meter Improvements			

Automated Water Metering System

Waterworks

TBD

No timeframe has been set. This may appear in future capital plans as the overall cost and scope is determined.