
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: MATT ANASTASIA, FINANCE DIRECTOR
SUBJECT: DISCUSSION: CAPITAL IMPROVEMENT PROGRAM
AGENDA: FEBRUARY 7, 2023 REGULAR BOARD MEETING
DATE: FEBRUARY 3, 2023

ISSUE

Shall the Village Board approve a Capital Improvement Program (CIP).

DISCUSSION

The Village Board last discussed and approved an update to the Capital Improvement Program (CIP) in January and February 2018, prior to that it was done in 2011. As the Village continues to progress forward, the CIP is an integral part of future forecasting and budgeting. Not only internally for the Village, but a CIP plan is viewed favorably with Standard & Poor's, the Village's credit rating agency, due to the foresight and planning involved.

Finance staff met with each Department head, as well as the Village engineers, to determine what projects should be included in the CIP plan that covers Fiscal Year 2024-2028. In some cases, we do have projects that are further out than the time period of the Plan, and those will be included as they move into the 5-year window. This document was compiled with the current budget process for FY23-24 in mind, but also will be used going forward in future budgets. The CIP Plan will be updated on an annual basis by Staff, with the Board receiving updates during the annual Budget Workshops. The CIP plan will provide Project Name, Description, Anticipated Fiscal Year Completion, Costs and Funding Sources.

COST

There is no cost to discuss the CIP plan.

RECOMMENDATION

That the Village Board discuss the Capital Improvement Program plan as presented, and make recommendations to Staff for updates.

New Village Hall Building



Department: Administration, Finance & Community Development

Total Project Costs: \$ 6,000,000

Description

The current Police Department has outgrown their respective side of the current Village Hall Building at 10 S. Municipal Dr. In Winter 2022, the Finance and Administration Departments are vacating their half of the building, and the Police Department is overtaking the entire building. Finance/Administration will temporarily be leasing space at 160 S. Municipal Dr. A new Village Hall Building to house Administration, Finance, Economic Development and Community Development is needed. Preliminary plans are to construct a 10,000-12,000 square foot building.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Preliminary Design	\$ -	\$ -	\$ 500,000	\$ -	\$ -
Final Design	-	-	-	250,000	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	5,250,000	-
Construction Administration	-	-	-	-	-
Total	\$ -	\$ -	\$ 500,000	\$ 5,500,000	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Fund Balance - Capital Fund 30	\$ -	\$ -	\$ 500,000	\$ 600,000	\$ -
Bond Proceeds - General Fund 01	\$ -	\$ -	\$ -	2,000,000	-
Bond Proceeds - Water Fund 50	\$ -	\$ -	\$ -	2,900,000	\$ -
Total	\$ -	\$ -	\$ 500,000	\$ 5,500,000	\$ -

Government Financial Software Upgrade



Department: Finance

Total Project Costs: \$ 200,000

Description

The Village's current Government Financial Software, BS&A Software, was purchased and implemented in FY2016-2017. At the time the software was purchased at a cost of \$114,000. It is anticipated to replace the software after 15 years of use, putting the replacement to happen in FY2031. The Village has not put any funds away in the first 6 years, thus the increased transfer in the next 9 years to fund the new software when needed.



Project Expenses		FY2024		FY2025		FY2026		FY2027		FY2028
Interfund Transfer Expense	\$	22,000	\$	22,000	\$	22,000	\$	22,000	\$	22,000
Software Implementation		-		-		-		-		-

Total	\$	22,000	\$	22,000	\$	22,000	\$	22,000	\$	22,000
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Project Funding Source		FY2024		FY2025		FY2026		FY2027		FY2028
General Fund Transfer	\$	22,000	\$	22,000	\$	22,000	\$	22,000	\$	22,000
Fund Balance - Capital Fund 30										

Total	\$	22,000	\$	22,000	\$	22,000	\$	22,000	\$	22,000
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Police Department Facility Improvements



Department: Police Department

Total Project Costs: \$ 2,000,000

Description

The current Police Department has outgrow their respective side of the current Village Hall Building at 10 S. Municipal Dr. In Winter 2022, the Police Department will be acquiring additional space when the Finance and Administration Departments move out of their side of the building. Re-working the additional space for the Police Department is under review.



Project Expenses		FY2024		FY2025		FY2026		FY2027		FY2028
Preliminary Design	\$	15,000	\$	-		\$		-	\$	-
Final Design		25,000		-		-				-
Sally Port Construction		1,815,000		-		-		-		-
Locker Room and Interior Improvements		110,000		-		-		-		-
Prisoner Cell Upgrades		20,000		-		-		-		-
Access Control Points & Other Technology		10,000		-		-		-		-
New Exterior Signage		5,000		-		-		-		-
Total	\$	2,000,000	\$	-	\$	-	\$	-	\$	-

Project Funding Source		FY2024		FY2025		FY2026		FY2027		FY2028
Fund Balance - Capital Fund 30	\$	2,000,000	\$	-					\$	-
Bond Proceeds - Water Fund 50	\$	-	\$	-	\$	-			\$	-
Total	\$	2,000,000	\$	-	\$	-	\$	-	\$	-

Body-Worn Cameras



Department: Police

Total Project Costs: \$ 105,000

Description

Body-Worn Cameras for the Police Department. The State of Illinois passed the SAFE-T-Act (Safety, Accountability, Fairness and Equity Today Act) HB3653, Public Act 101-0652. One component from the Act mandates police agencies of our size to issue every officer a Body-Worn Camera by January 2025. The police department has received a grant to begin the process earlier. Providing BWCs to the officers will create greater transparency for the department and community at-large



Project Expenses		FY2024		FY2025		FY2026		FY2027		FY2028
Equipment Purchase	\$	18,624	\$	18,624	\$	18,624	\$	18,624	\$	40,000
Auxiliary Costs - Storage, Software, Etc.		-		-		-		-		-
Total	\$	18,624	\$	18,624	\$	18,624	\$	18,624	\$	40,000

Project Funding Source		FY2024		FY2025		FY2026		FY2027		FY2028
General Fund Transfer	\$	18,624	\$	18,624	\$	18,624	\$	18,624	\$	40,000
BWC Microgrant	\$	-	\$	-	\$	-	\$	-	\$	-
Total	\$	18,624	\$	18,624	\$	18,624	\$	18,624	\$	40,000

Annual Maintenance Program



Department: Public Works - Streets

Total Project Costs: \$ 6,394,000

Description

The project consists of the Village's Annual Street Maintenance program which includes resurfacing various streets throughout the Village. Also included would be microsurfacing neighborhoods as well as annual patching and crack sealing allotment.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ 17,000	\$ 99,000	\$ 50,000	\$ 79,000	\$ 79,000
Construction Engineering	110,000	23,000	132,000	65,000	105,000
Land Acquisition	-	-	-	-	-
Construction	1,310,000	285,000	1,645,000	1,080,000	1,315,000
Total	\$ 1,437,000	\$ 407,000	\$ 1,827,000	\$ 1,224,000	\$ 1,499,000

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
MFT Annual Allotment	\$ 468,537	\$ 285,000	\$ 407,924	\$ 412,003	\$ 416,123
MFT (Rebuild Illinois Capital Bill)	592,954	-	-	-	-
Road Maintenance Fees	269,516	122,000	269,516	269,516	269,516
Non-Home Rule Sales Tax	105,993	-	307,163	542,481	794,480
Excess Road Funds - Prior Years	-	-	585,293	-	18,881
Fund Balance - Fund 35	-	-	257,104	-	-
Total	\$ 1,437,000	\$ 407,000	\$ 1,827,000	\$ 1,224,000	\$ 1,499,000

Norris Road Resurfacing



Department: Public Works - Streets

Total Project Costs: \$ 768,700

Description

The project consists of milling and resurfacing Norris Rd. from the N. Village limits to the S. Village limits. This project was submitted through the Kane/Kendall Council of Mayors and will receive funding for 75% Construction and Construction Engineering up to \$575,992. The project is targeting and April 2023 Letting with Construction summer of 2023.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	-
Construction Engineering	83,000	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	685,700	-	-	-	-
Total	\$ 768,700	\$ -	\$ -	\$ -	-

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
STP Grant Funds	\$ 575,992	\$ -	\$ -	\$ -	-
MFT Annual Allotment	-	-	-	-	-
Non-Home Rule Sales Tax	192,708	-	-	-	-
Excess Road Funds - Prior Year	-	-	-	-	-
Total	\$ 768,700	\$ -	\$ -	\$ -	-

Main Street Resurfacing



Department: Public Works - Streets

Total Project Costs: \$ 508,530

Description

The project consists of milling and resurfacing Main Street from IL Route 47 to Cross Street. This project was submitted through the Kane/Kendall Council of Mayors and will receive funding for 75% Construction and Construction Engineering up to \$345,023. The project is targeting and April 2024 Letting with Construction summer of 2024.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ 45,000	\$ -	\$ -	\$ -	-
Construction Engineering	-	60,000	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	403,530	-	-	-
Total	\$ 45,000	\$ 463,530	\$ -	\$ -	-

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
STP Grant Funds	\$ -	\$ 345,023	\$ -	\$ -	-
MFT Annual Allotment	-	-	-	-	-
Non-Home Rule Sales Tax	45,000	118,507	-	-	-
Excess Road Funds - Prior Year	-	-	-	-	-
Total	\$ 45,000	\$ 463,530	\$ -	\$ -	-

Blackberry Creek Bridge & Shared Use Path



Department: Public Works - Streets

Total Project Costs: \$ 921,686

Description

The proposed improvement will be the construction of a new 0.23 mile long 10-foot wide shared-use path with 3' grass shoulders on both sides. At the southern limit of the project, the shared-use path will connect to the sidewalk that serves the Belle Vue Park and Windsor Pointe neighborhood. The proposed path will cross over Blackberry Creek, requiring the installation of a new cyclist/pedestrian bridge. At the northern terminus, the path will connect to the Virgil Gilman Trail.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ 51,686	\$ -	\$ -	\$ -	-
Construction Engineering	-	100,000	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	770,000	-	-	-
Total	\$ 51,686	\$ 870,000	\$ -	\$ -	-

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
ITEP Grant Funding	\$ 41,349	\$ 696,000	\$ -	\$ -	-
Other Agency Contribution Funding	7,553	130,500	-	-	-
Non-Home Rule Sales Tax	-	-	-	-	-
Fund Balance - Dedicated Transferred Fund 35	2,584	43,500	-	-	-
Total	\$ 51,486	\$ 870,000	\$ -	\$ -	-

Safe Routes to School



Department: Public Works - Streets

Total Project Costs: \$ 256,323

Description

The project consists of installing 1800 feet of new sidewalk and the removal and replacement of existing sidewalk in the proximity of Kaneland John Shields Elementary School in Sugar Grove. Grove Street, Calkins Drive, and West Street are some of the main walking areas for students, yet there are gaps and sidewalk missing on these streets; therefore, the purpose of the project is to increase the safety of the students commuting by walking or biking. ADA Compliant sidewalk will be constructed 5' wide with a design slope of 1.5%; all ramps will meet the latest accessibility standards. In addition to sidewalk construction, ancillary work including pavement markings, driveway removal and replacement, restoration, signage and traffic control will also be included in the project.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	20,000	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	236,323	-	-	-	-
Total	\$ 256,323	\$ -	\$ -	\$ -	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
ITEP Grant Funding	\$ 191,881	\$ -	\$ -	\$ -	\$ -
Other Agency Contribution Funding	-	-	-	-	-
Non-Home Rule Sales Tax	-	-	-	-	-
Fund Balance - Fund 35	64,442	-	-	-	-
Total	\$ 256,323	\$ -	\$ -	\$ -	\$ -

US-30 & Municipal Drive Crossing



Department: Public Works - Streets

Total Project Costs: \$ 151,000

Description

Municipal Drive currently has an existing shared-use path along the east side of the roadway that terminates approximately 890 feet north and 340 feet south of the intersection with US Route 30. The project will extend this shared-use path to the intersection of Municipal Drive and US Route 30 and install a new pedestrian crossing on the east leg of the intersection. The installation of the pedestrian crossing will include ADA compliant ramps, new pedestrian push buttons (mounted on existing posts), new pedestrian signals (mounted on existing posts), relocation of existing traffic signal posts, relocation of the existing traffic signal controller (to make room for the shared-use path), curb and gutter removal and replacement and high visibility crosswalk pavement markings.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	-
Construction Engineering	20,000	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	131,000	-	-	-	-
Total	\$ 151,000	\$ -	\$ -	\$ -	-

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
DCEO - Member Initiative Funding	\$ 100,000	\$ -	\$ -	\$ -	-
Other Agency Contribution Funding	-	-	-	-	-
Non-Home Rule Sales Tax	-	-	-	-	-
Fund Balance - Fund 35	51,000	-	-	-	-
Total	\$ 151,000	\$ -	\$ -	\$ -	-

Park Ave. & Rt. 47 Signalization



Department: Public Works - Streets

Total Project Costs: \$ 652,340

Description

Construct traffic signal at the intersection of IL-47 and Park Avenue and associated intersection improvements, including conducting Phase 1, Phase 2 and Phase 3 Engineering. Schedule and budget is depending on the funding source.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ 116,580	\$ -	\$ -	\$ -	\$ -
Construction Engineering	-	103,700	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	432,060	-	-	-
Total	\$ 116,580	\$ 535,760	\$ -	\$ -	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
DCEO Member Initiative Grant	\$ -	\$ -	\$ -	\$ -	\$ -
Other Agency Contribution Funding	-	-	-	-	-
Non-Home Rule Sales Tax	-	-	-	-	-
Fund Balance - Fund 35	116,580	535,760	-	-	-
Total	\$ 116,580	\$ 535,760	\$ -	\$ -	\$ -

Fay's Lane Bridge Replacement



Department: Public Works - Streets

Total Project Costs: \$ 2,475,000

Description

The full replacement or rehabilitation of the Fay's Lane Bridge in Dugan Woods is anticipated. Phase I Engineering will take an estimated 1.5-3 years to complete, Phase II Engineering will take another 1-2 years, with Construction after that. At this time we are unaware of the rating that will push this from being a replacement vs. a rehabilitation of the bridge. We are currently at 45 years of a typical bridge life of 50 years.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	275,000	\$ -
Construction Engineering	-	-	-	-	200,000
Land Acquisition	-	-	-	-	-
Construction	-	-	-	-	2,000,000
Total	\$ -	\$ -	\$ -	275,000	\$ 2,200,000

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
DCEO Member Initiative Grant	\$ -	\$ -	\$ -	-	\$ -
Other Agency Contribution Funding	-	-	-	-	-
Non-Home Rule Sales Tax	-	-	-	-	-
Fund Balance - Fund 35	-	-	-	275,000	2,200,000
Total	\$ -	\$ -	\$ -	275,000	\$ 2,200,000

Maple Street Watermain Improvements



Department: Public Works - Utilities

Total Project Costs: \$ 3,033,000

Description

The project consists of watermain replacement and new storm sewer installation, which includes the reconstruction of Maple Street from Main Street to the West End. Project will include complete pavement reconstruction, all new sidewalk, driveway aprons and curb & gutter. Currently scheduled for Construction in summer 2026.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ 214,300	\$ -	\$ -
Construction Engineering	-	-	-	214,300	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	2,604,400	-
Total	\$ -	\$ -	\$ 214,300	\$ 2,818,700	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ 214,300	\$ 700,000	\$ -
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	-	-	2,118,700	-
Total	\$ -	\$ -	\$ 214,300	\$ 2,818,700	\$ -

Joy Court Watermain Improvements



Department: Public Works - Utilities

Total Project Costs: \$ 342,000

Description

The project consists of replacing the watermain on Joy Court and resurfacing the street upon completion. Currently scheduled for Construction in summer of 2026.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ 28,500	\$ -	\$ -
Construction Engineering	-	-	-	28,500	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	285,000	-
Total	\$ -	\$ -	\$ 28,500	\$ 313,500	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	\$ -
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	-	28,500	313,500	-
Total	\$ -	\$ -	\$ 28,500	\$ 313,500	\$ -

Well #8 Maintenance



Department: Public Works - Utilities

Total Project Costs: \$ 346,000

Description

Well 8 was last rehabilitated in 2013, at which time according to records the pumping assembly was rebuilt and the motor was rehabilitated. The next rehabilitation of the well is recommended to be programmed in 2026. The project will include removal and inspection of the existing pump and motor, and replacement of some column piping and rehabilitation (sandblast and recoat, cut and rethread couplings, etc.), as well as various other items. The precise scope and cost for the rehabilitation, including potential pump/motor replacement and well development, is unknown and will be confirmed after removal and inspection of the equipment. Well rehabilitations are typically recommended every 7-10 years, at the Village's discretion (e.g. next rehab would be completed FY2034 with design in FY2033 +/-).



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ 26,000	\$ -	\$ -	-
Construction Engineering	-	-	27,000	-	-
Land Acquisition	-	-	-	-	-
Construction	-	-	293,000	-	-
Total	\$ -	\$ 26,000	\$ 320,000	\$ -	-

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	-
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	26,000	320,000	-	-
Total	\$ -	\$ 26,000	\$ 320,000	\$ -	-

Well #9 Maintenance



Department: Public Works - Utilities

Total Project Costs: \$ 313,000

Description

Well #9 was originally constructed in 2005, and the equipment has not been pulled and the well rehabilitated since. While there are no known issues currently, well rehabilitation is recommended ASAP to inspect the well and equipment and complete any necessary rehabilitation, to prolong the life of and prevent potential failure of the equipment. The rehabilitation of the well is recommended to be programmed for FY2024 including design and construction. The project will include removal and inspection of the existing equipment and televising of the well. The estimated scope assumes rehabilitation of the pump and motor, and replacement of some column piping and rehabilitation (sandblast and recoat, cut and rethread couplings, etc.), as well as various other items.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ 24,000	\$ -	\$ -	\$ -	-
Construction Engineering	24,000	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	265,000	-	-	-	-
Total	\$ 313,000	\$ -	\$ -	\$ -	-

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	-
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	313,000	-	-	-	-
Total	\$ 313,000	\$ -	\$ -	\$ -	-

Well #10 Maintenance



Department: Public Works - Utilities

Total Project Costs: \$ -

Description

Well #10 was last rehabilitated in 2021, at which time according to records a new pump and motor were installed. The next rehabilitation of the well is recommended to be programmed for FY2030. The project will include removal and inspection of the existing equipment and televising of the well. The estimated scope includes rehabilitation of the pump and motor, and replacement of some column piping and rehabilitation (sandblast and recoat, cut and rethread couplings, etc.), as well as various other items. The precise scope and cost for the rehabilitation, including potential pump/motor replacement and well development, is unknown and will be confirmed after removal and inspection of the equipment. Well rehabilitations are typically recommended every 7-10 years, at the Village's discretion.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	-	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	\$ -
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -

Well #11 Maintenance



Department: Public Works - Utilities

Total Project Costs: \$ 30,000

Description

Well #11 was last rehabilitated in 2019, at which time according to records a new pump, motor and all column piping were replaced. The next rehabilitation of the well is recommended to be programmed for FY2029. The project will include removal and inspection of the existing equipment and televising of the well. The estimated scope includes rehabilitation of the pump and motor, and replacement of some column piping and rehabilitation (sandblast and recoat, cut and rethread couplings, etc.), as well as various other items. The precise scope and cost for the rehabilitation, including potential pump/motor replacement and well development, is unknown and will be confirmed after removal and inspection of the equipment. Well rehabilitations are typically recommended every 7-10 years, at the Village's discretion.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	30,000
Construction Engineering	-	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	30,000

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	-
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	-	-	-	30,000
Total	\$ -	\$ -	\$ -	\$ -	30,000

Well #8 Water Treatment Plant Maintenance



Department: Public Works - Utilities

Total Project Costs: \$ 30,000

Description

The Well #8 Water Treatment Plant was constructed circa 2003. The ion exchange media was replaced in 2011-2012. Generally, the typical lifespan of the media is 10-15 years depending on water quality, total volume of water that is passed through each vessel, and other factors. The manufacturer's recommendation is to replace the media within 10-15 year time period. Staff has been very good at maintaining the WTP and operating and maintaining the equipment and no major issues are known. Therefore, the next ion exchange media replacement is currently planned for FY2029. Generally, Staff handles items related to O&M of the various pumps and equipment as part of their annual O&M program. The cost estimate includes some estimated rehabilitation and maintenance of the WTP in addition to the media replacement; however, the exact scope would be confirmed during design.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	30,000
Construction Engineering	-	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	30,000

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	-
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	-	-	-	30,000
Total	\$ -	\$ -	\$ -	\$ -	30,000

Well #9 Water Treatment Plant Maintenance



Department: Public Works - Utilities

Total Project Costs: \$ 236,000

Description

The Well #9 Water Treatment Plant was constructed circa 2004. The ion exchange media has never been replaced. Generally, the typical lifespan of the media is 10-15 years depending on water quality, total volume of water that is passed through each vessel, and other factors. The manufacturer's recommendation is to replace the media within 10-15 year time period. Staff has been very good at maintaining the WTP and operating and maintaining the equipment and no major issues are known. However, as the media has never been replaced, the next ion exchange media replacement is recommended ASAP and planned for FY2024. Generally, Staff handles items related to O&M of the various pumps and equipment as part of their annual O&M program. The cost estimate includes some estimated rehabilitation and maintenance of the WTP in addition to the media replacement; however, the exact scope would be confirmed during design.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ 24,000	\$ -	\$ -	\$ -	\$ -
Construction Engineering	24,000	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	188,000	-	-	-	-
Total	\$ 236,000	\$ -	\$ -	\$ -	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	\$ -
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	236,000	-	-	-	-
Total	\$ 236,000	\$ -	\$ -	\$ -	\$ -

Well #10 & #11 Water Treatment Plant Maintenance



Department: Public Works - Utilities

Total Project Costs: \$ -

Description

The Wells #10 & #11 Water Treatment Plant was constructed circa 2006. The ion exchange media was replaced in 2018. Generally, the typical lifespan of the media is 10-15 years depending on water quality, total volume of water that is passed through each vessel, and other factors. The manufacturer's recommendation is to replace the media within 10-15 year time period. Staff has been very good at maintaining the WTP and operating and maintaining the equipment and no major issues are known. Therefore, the next ion exchange media replacement is currently planned for FY2032. Generally, Staff handles items related to O&M of the various pumps and equipment as part of their annual O&M program. The cost estimate includes some estimated rehabilitation and maintenance of the WTP in addition to the media replacement; however, the exact scope would be confirmed during design.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	-	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	\$ -
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -

Railroad St. Water Storage Tank Improvements



Department: Public Works - Utilities

Total Project Costs: \$ -

Description

This image came from GoogleEarth.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Engineering	-	-	-	-	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Water Fund Annual Transfers	\$ -	\$ -	\$ -	\$ -	\$ -
Fund Balance Transfer - Fund 50 Water Fund	-	-	-	-	-
Fund Balance - Fund 51 Water Capital Fund	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -

New Bond Elevated Water Storage Tank Improvements



Department: Public Works - Utilities

Total Project Costs: \$ 1,080,000

Description

This image came from GoogleEarth.

Full abrasive blast of the interior dry, interior wet, and exterior of a 500,000 gallon tank as well as provide any minor structural and OSHA related modifications. Exterior coating system is intended to be a fluoropolymer system and the interior wet system will meet the new NSF 61 requirements.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ 45,000	\$ -	\$ -
Construction Engineering	-	-	-	80,000	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	955,000	-
Total	\$ -	\$ -	\$ 45,000	\$ 1,035,000	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Fund Balance - Fund 51 Water Capital Fund	\$ -	\$ -	\$ 45,000	\$ 1,035,000	\$ -
Water Fund Annual Transfers	-	-	-	-	-
IEPA Low-Interest Loan/Loan Forgiveness	-	-	-	-	-
Total	\$ -	\$ -	\$ 45,000	\$ 1,035,000	\$ -

IL-47 Widening Utilities Relocation

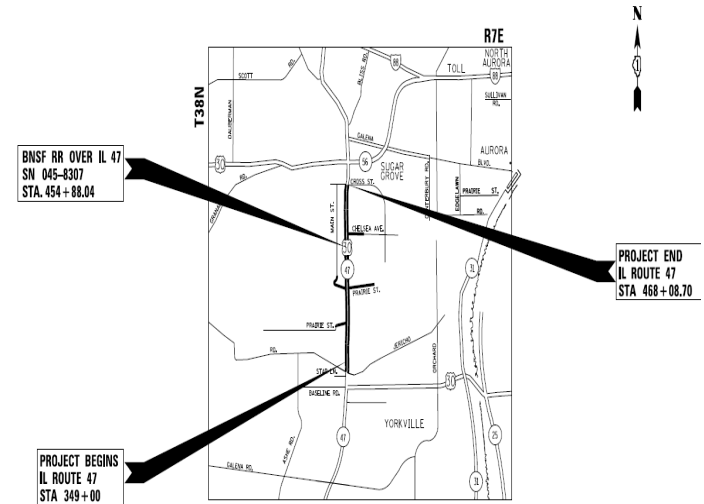


Department: Public Works - Utilities

Total Project Costs: \$ 1,200,000

Description

Due to IDOT widening IL-47 from Jericho Road to Cross Street, water main and force main will need to be relocated. This work is currently under design with IDOT. The extents, cost and schedule of the improvements are not fully known at this time.



Project Expenses	FY2024	FY2025	FY2026	FY2027	FY2028
Design Engineering	\$ -	\$ -	\$ 100,000	\$ -	\$ -
Construction Engineering	-	-	-	100,000	-
Land Acquisition	-	-	-	-	-
Construction	-	-	-	1,000,000	-
Total	\$ -	\$ -	\$ 100,000	\$ 1,100,000	\$ -

Project Funding Source	FY2024	FY2025	FY2026	FY2027	FY2028
Fund Balance - Fund 51 Water Capital Fund	\$ -	\$ -	\$ 100,000	\$ 1,100,000	\$ -
Water Fund Annual Transfers	-	-	-	-	-
IEPA Low-Interest Loan/Loan Forgiveness	-	-	-	-	-
Alternate Revenue Bond	-	-	-	-	-
Total	\$ -	\$ -	\$ 100,000	\$ 1,100,000	\$ -