



VILLAGE OF
WHEELING
ILLINOIS

Capital Improvement Plan

2024-2028

Village of Wheeling
2 Community Boulevard
Wheeling, IL 60090
847.459.2600
www.wheelingil.gov



CAPITAL IMPROVEMENT PLAN
VILLAGE OF WHEELING, ILLINOIS
JANUARY 1, 2024 – DECEMBER 31, 2028

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Village President

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Michael McGreal- *Fire Chief*
Daniel Kaup - *Director of Public Works*
Luca Ursan - *Director of Information Technology*
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Resolution No. 2023-175 – Adopted by Village of Wheeling Board of Trustees on December 18, 2023.



TO: Jon Sfondilis, Village Manager

FROM: Daniel Kaup, Director of Public Works

DATE: December 18, 2023

RE: Letter of Transmittal – 2024-2028 Capital Improvement Plan

With this Fiscal Year 2024-2028 edition of the Public Works Department Capital Improvement Plan (CIP), Wheeling continues to fulfill its responsibilities to maintain and enhance community infrastructure and capital assets by annually refining and updating a comprehensive five-year plan of action.

The purpose of this Plan is to:

- Continue to provide quality, cost-effective public services;
- Plan, schedule and implement all first year CIP capital projects and incorporate those projects as an integral part of Village's Annual Budget;
- Tentatively schedule all capital projects over the remaining four (4) year fixed period with appropriate planning and implementation;
- Budget priority projects and develop a project revenue policy for proposed improvements;
- Coordinate the activities of various departments in meeting project schedules;
- Monitor and evaluate the progress of capital projects;
- Inform the public of projected capital improvements;
- Maintain the water utility system starting at the receiving points of supply from the Northwest Water Commission throughout the entire Village owned distribution network and ending at each water customer;
- Promote traffic safety and comfort through improvement, maintenance, and reconstruction of deficient roads, including street lighting and appropriate traffic controls;

- Enhance the safety and convenience of pedestrians, school children, cyclists and the disabled through the improvement of sidewalks and multi-modal infrastructure;
- Maintain and improve storm and wastewater collection, conveyance and systems management through construction and timely repair of sanitary and storm sewer systems;
- Maintain public works and related essential services;
- Serve the diverse needs of homeowners, businesses, and commuters;
- Preserve land values and other desirable characteristics to assure that the quality of life in Wheeling will be maintained in the future.

In summary, this is a plan to protect, preserve, and promote community standards. I trust that you will find it to be a useful guide and an informative reference document.

Finally, please let me take this opportunity to express my appreciation to the Public Works Departments' staff for the excellent work in compiling, editing and organizing this plan.

Very truly yours,



Daniel Kaup
Director of Public Works

DEFINITIONS

The National Council on Government Accounting has defined the Capital Improvement Plan (CIP) as:

“A plan for capital expenditures to be incurred each year over a fixed period of years to meet capital needs arising from the long-term work program or otherwise.”

A capital improvement project is defined as a major project requiring the expenditure of public funds (over and above operating expenditures of public funds) for the purchase, construction or replacement of the physical assets of the community. If applicable, this normally includes land for the project. A capital improvement project has a useful life of over one-year and has a significant value.

GUIDELINES

1. Projects included in the Capital Improvement Plan shall be consistent with the Village of Wheeling Comprehensive Plan.
2. Efforts should be made to continue cooperative efforts with other agencies.
3. Efforts should be made to leverage funds that would not otherwise be available to the Village.
4. Capital Projects should be financed to the greatest extent possible through user fees, special taxing districts and special assessments, where direct benefits to users result from construction of the project.

PRIORITIES

1. Projects that will readily affect basic Village operations typically visible to the public and which are related to immediate health or safety functions or which are mandated by state or federal agencies.
2. Projects which have been previously initiated and are a completion of subsequent phases.
3. Projects which provide for the renovation of existing facilities, resulting in preservation of the Village's prior investments, or projects which reduce maintenance and operation costs.

THE FISCAL YEAR 2024-2028 CAPITAL IMPROVEMENT PLAN OVERVIEW

The Fiscal Year (FY) 2024-2028 Public Works Department Capital Improvement Plan (CIP) is a comprehensive program. As such, it includes an inventory of all likely and anticipated capital requirements of the Village during the next five years. It incorporates the current fiscal year projects (see current Village Budget) and formulates a plan for 4 additional years of projects into the future. The CIP's 2024 FY Projects were presented in the Village's proposed 2024 FY Budget. Subsequently, the 2024 FY CIP Projects were approved when the Village's proposed 2024 FY Budget was approved at the Village Board's December 18, 2023 Regular Meeting.

Most of the cost assumptions included in this program are preliminary estimates that will require refinement as more serious discussion and implementation of the specific program progresses. Certain projects are included in the Plan only under the assumption that an opportunity may be presented for larger agency funding assistance or benefited property owner cost sharing. Should that opportunity not occur, the project might, of necessity, be dropped or deferred.

The Plan represents a continued commitment to the maintenance and improvement of Wheeling's capital facilities. While the five-year Capital Improvement Plan is ambitious, it is not frivolous. Understandably, any ambitious program of this magnitude is costly. The proposed mix of funding sources makes this an affordable plan for Wheeling taxpayers. In fact, historically, public comment has urged increased investment in facilities such as sidewalks and storm water management. Economic conditions may affect the timing of some projects. The Plan prioritizes on the basis of need, financial conditions and other factors.

Staff and consulting planners must also be aware of the economic context in which public projects are proposed. We recognize that a long-term investment can accrue dividends in lower construction costs during an economic downturn. The optimum funding source depends on a variety of issues and concerns including the anticipated life of the asset, beneficiaries of the asset, potential impact on the local economy and situational factors.

Finally, by implementing this Plan, Wheeling can be assured that, to the extent foreseeable, no major capital requirements of the Village will be deferred to the point that future Village Boards would have to act with a sense of urgency and under pressure to construct, maintain or replace capital facilities.

Village of Wheeling
Capital Improvement Plan

2024 thru 2028

PROJECTS BY FUNDING SOURCE

Source	Project #	Page #	2024	2025	2026	2027	2028	Total
Capital Improvements (3420)								
Fiber Optic Installation	CI-08	4	350,000	-	-	-	-	350,000
HVAC Unit Replacement Program	CI-09	5	239,200	-	250,600	-	143,400	633,200
Roof Replacement Program	CI-10	6	10,000	635,000	10,000	595,000	-	1,250,000
New Public Sidewalk Construction Program*	CI-15	7	57,500	-	-	-	-	57,500
Streetlight Replacement Program	CI-41	8	550,000	40,000	500,000	-	-	1,090,000
Parking Lot Improvements	CI-56	9	120,000	330,000	-	-	-	450,000
Fire Station 42	CI-70	10	1,115,000	-	-	-	-	1,115,000
Village Hall Generator Improvements	CI-71	11	320,000	-	-	-	-	320,000
South Dunhurst Storm Sewer Improvements*	STSCI-03	35	360,000	160,000	-	-	-	520,000
Watermain Replacement Program *	WCI-01	39	95,000	-	370,000	300,000	-	765,000
Wheeling Road Improvements-RI1*	MFT-04	27	350,000	-	-	-	-	350,000
Capital Improvements (3420) Total			3,566,700	1,165,000	1,130,600	895,000	143,400	6,900,700
Capital Outlay (3410)								
Pavement Markings	CO-01	12	35,000	35,000	35,000	35,000	35,000	175,000
Sidewalk Replacement Program	CO-02	13	120,000	120,000	120,000	120,000	120,000	600,000
Parkway Tree Planting Program	CO-03	14	40,000	45,000	45,000	45,000	45,000	220,000
Crack Sealing Program	CO-04	15	65,000	65,000	40,000	40,000	40,000	250,000
Paver Brick Maintenance*	CO-05	16	100,000	100,000	-	-	-	200,000
Police Department Remodeling	CO-06	17	85,000	-	-	-	-	85,000
Asphalt Sealing Municipal Lots	CO-08	18	20,000	30,000	-	-	-	50,000
Asphalt Surface Treatment Program	CO-09	19	80,000	75,000	75,000	75,000	75,000	380,000
Pavement Assessment	CO-61	20	50,000	-	-	55,000	-	105,000
Fountain Maintenance	CO-62	21	250,000	1,050,000	-	-	-	1,300,000
Combined Area Fire Training Facility Improvements	CO-63	22	180,000	-	-	-	-	180,000
Village Hall/Park District Sign Replacement	CO-65	23	50,000	-	-	-	-	50,000
Interior/ExteriorPainting	CO-66	24	95,000	40,000	-	40,000	-	175,000
Capital Outlay (3410) Total			1,170,000	1,560,000	315,000	410,000	315,000	3,770,000
Motor Fuel Tax (MFT) (11)								
Street Improvement Program*	MFT-01	25	2,230,000	1,690,000	1,670,000	1,670,000	1,670,000	8,930,000
MFT General Maintenance	MFT-02	26	263,250	263,250	263,250	263,250	263,250	1,316,250
Wheeling Road Improvements-RI1*	MFT-04	27	500,000	-	-	-	1,500,000	2,000,000
Lakeside Villas Road Improvements-RI3*	MFT-05	28	225,000	-	-	-	-	225,000
Strong Avenue Improvements-RI4	MFT-06	29	85,000	-	-	-	-	85,000
Lexington Drive Improvements-RI5	MFT-07	30	50,000	-	-	-	-	50,000
Motor Fuel Tax (MFT) (11) Total			3,353,250	1,953,250	1,933,250	1,933,250	3,433,250	12,606,250

Village of Wheeling
Capital Improvement Plan

2024 thru 2028

PROJECTS BY FUNDING SOURCE

Source	Project #	Page #	2024	2025	2026	2027	2028	Total
San Sewer Capital Imp (4340)								
Sanitary Sewer Lining Project	SSCI-03	31	180,000	-	180,000	-	180,000	540,000
Lift Station Improvements	SSCI-04	32	180,000	-	95,000	-	100,000	375,000
Manhole Lining and Rehabilitation	SSCI-14	33	5,000	250,000	5,000	250,000	5,000	515,000
Watermain Replacement Program *	WCI-01	39	100,000	100,000	100,000	50,000	-	350,000
San Sewer Capital Imp (4340) Total			465,000	350,000	380,000	300,000	285,000	1,780,000
San Sewer Capital Out Fund (4320)								
SSSES Investigation	SSCO-05	34	40,000	40,000	40,000	40,000	40,000	200,000
San Sewer Capital Out Fund (4320) Total			40,000	40,000	40,000	40,000	40,000	200,000
Storm Sewer Capital Imp (4510)								
Street Improvement Program*	MFT-01	25	100,000	100,000	100,000	100,000	100,000	500,000
Wheeling Road Improvements-RI1*	MFT-04	27	325,000	-	-	-	1,000,000	1,325,000
South Dunhurst Storm Sewer Improvements*	STSCI-03	35	2,800,000	2,800,000	-	-	-	5,600,000
Stormwater Operating Cost Fund Transfer	STSCI-99	36	316,000	335,750	355,500	375,250	395,000	1,777,500
Storm Sewer Capital Imp (4510) Total			3,541,000	3,235,750	455,500	475,250	1,495,000	9,202,500
Storm Sewer Capital Outlay (4520)								
Storm Water Televising, Mapping and Condition Assessment	STSCO-02	37	750,000	750,000	750,000	-	-	2,250,000
Ecko Lake Storm Sewer Repair	STSCO-03	38	50,000	-	-	-	-	50,000
Storm Sewer Capital Outlay (4520) Total			800,000	750,000	750,000	-	-	2,300,000
Water Capital Imp (4330)								
Watermain Replacement Program *	WCI-01	39	1,932,500	3,702,000	3,008,000	2,550,000	200,000	11,392,500
Elevated Water Storage Tank Maintenance	WCI-02	40	-	-	610,000	-	-	610,000
Water Facility Improvements	WCI-03	41	30,000	30,000	30,000	30,000	30,000	150,000
Underground Diesel Storage Tank Replacement	WCI-04	42	300,000	-	-	300,000	-	600,000
Water Meter Battery Replacement	WCI-07	43	55,000	-	-	-	-	55,000
Lakeside Villas Road Improvements-RI3*	MFT-05	28	225,000	-	-	-	-	225,000
Water Capital Imp (4330) Total			2,542,500	3,732,000	3,648,000	2,880,000	230,000	13,032,500

Village of Wheeling
Capital Improvement Plan
2024 thru 2028

PROJECTS BY FUNDING SOURCE

Source	Project #	Page #	2024	2025	2026	2027	2028	Total
TIF, North Capital Imp (3910)								
Milwaukee Avenue Corridor Improvements*	SETIF-01	44	500,000	-	-	-	-	500,000
TIF, North Capital Imp (3910) Total			500,000	-	-	-	-	500,000
TIF, Southeast Capital Imp (3610)								
New Public Sidewalk Construction Program*	CI-15	7	400,000	-	-	-	-	400,000
Milwaukee Avenue Corridor Improvements*	SETIF-01	44	380,000	-	-	-	-	380,000
Watermain Loop from River Mill to Sumac	SETIF-06	45	1,770,000	-	-	-	-	1,770,000
Sumac Sanitary Easements	SETIF-07	46	30,000	-	-	-	-	30,000
TIF, Southeast Capital Imp (3610) Total			2,580,000	-	-	-	-	2,580,000
TIF, Town Center Capital Imp (3510)								
Wheeling Road Improvements-RI1*	MFT-04	27	-	-	-	-	2,500,000	2,500,000
Paver Brick Maintenance*	CO-05	16	35,000	-	-	-	-	35,000
Watermain Replacement Program *	WCI-01	39	1,952,500	-	-	-	-	1,952,500
TIF, Town Center Capital Imp (3510) Total			1,987,500	-	-	-	2,500,000	4,487,500
TIF, Town Center Capital Outlay (3520)								
Stream Bank Stabilization	STSCI-05	47	1,075,000	1,075,000	-	-	-	2,150,000
TIF, Town Center Capital Outlay (3520) Total			1,075,000	1,075,000	-	-	-	2,150,000
GRAND TOTAL			21,620,950	13,861,000	8,652,350	6,933,500	8,441,650	59,509,450

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 *thru* 2028

Project #:	CI-08	Department:	Capital Projects Division
Project Name:	Fiber Optic Installation	Contact:	Luca Ursan
Project Status:	New	Type:	Equipment
Priority:	Funded	Category:	Other
Status:	Active		

Description
<p>Fiber optic cable was installed between Village Hall and Public Works in 2017 which established a north-south fiber backbone in the Village. In 2022 fiber optic cable was installed between Fire Station 24 and 23 to establish an east-west backbone. This project funds installation of new fiber optic cable, networking equipment, transceivers, testing equipment, software, training and fiber patch cords to expand the Village's fiber optic infrastructure from Village Hall to the new Fire Station 42.</p>

Justification
<p>A fiber optic connection is needed for improving the network connections. The current wireless point-to-point connections are running about 100 Mbps to 200 Mbps and are often overloaded due to various technology demands used by the Wheeling Fire Department for its emergency operations on a daily basis. The old wireless connections are also not very reliable, often degraded by bad weather conditions.</p>

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Supervision	CI-08	30,000	-	-	-	-	30,000
Construction/Maintenance	CI-08	290,000	-	-	-	-	290,000
Engineering Services	CI-08	30,000	-	-	-	-	30,000
Total		350,000	-	-	-	-	350,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	CI-08	350,000	-	-	-	-	350,000
Total		350,000	-	-	-	-	350,000

Village of Wheeling
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 2024 *thru* 2028

Project #:	CI-09	Department:	Building Services Division
Project Name:	HVAC Unit Replacement Program	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

This project funds the replacement of existing HVAC Units that have exceeded their estimated useful life and are incurring excessively high maintenance and repair costs. Replacement schedules are determined by the Public Works Facilities Division and dependent on the age and conditions of units.

Justification

On average, HVAC units may last from 10 to 15 years. The attached replacement schedule may accelerate as the buildings and equipment age. The next scheduled replacements, in 2024, include rooftop and makeupair/return units in the Police Department and two chiller compressors at Village Hall that were elevated for replacement in 2024 rather than initially expected further in years.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction/Maintenance	CI-09	239,200	-	250,600	-	143,400	633,200
Total		239,200	-	250,600	-	143,400	633,200

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	CI-09	239,200	-	250,600	-	143,400	633,200
Total		239,200	-	250,600	-	143,400	633,200

CP(N)-07 - HVAC Replacement

Unit #	Address	Location	Type	Year Installed	Fund	Cost to Replace
2024						
A11	1 Community Blvd.	North (PD Training Room)	Rooftop	2010	Capital (PD)	\$20,900.00
A14	1 Community Blvd.	Northwest Offices Center	Rooftop	2010	Capital (PD)	\$20,900.00
A15	1 Community Blvd.	Northwest Records Supervisor	Rooftop	2010	Capital (PD)	\$20,900.00
A17	1 Community Blvd.	Front Lobby	Rooftop	2010	Capital (PD)	\$27,500.00
A18	1 Community Blvd.	Radio Room (Center)	Rooftop	2010	Capital (PD)	\$23,100.00
A4	1 Community Blvd.	Evidence (Roll Call)	Rooftop	2010	Capital (PD)	\$20,900.00
M2	1 Community Blvd.	Gun Range	Make Up Air/Return	1999	Capital (PD)	\$45,000.00
C1	2 Community Blvd	Outside Condenser/Chiller	Chiller	2009	Capital (VH)	\$60,000.00
Summary for 'Year to be Replaced' = 2024 (8 detail records)						\$239,200.00
2026						
A19	1 Community Blvd.	Server Room - Center	Rooftop	2010	Capital (PD)	\$20,900.00
A21	1 Community Blvd.	Antenna Room	Split System	2004	Capital (PD)	\$11,000.00
A9	1 Community Blvd.	Cell Area	Rooftop	2012	Capital (PD)	\$27,940.00
BD13	77 W Hintz Road	Server Room	Split System	2009	Capital (PW)	\$11,000.00
BD16	77 W Hintz Road	SWANNC	Rooftop	2014	Capital (PW)	\$23,100.00
BD2	77 W Hintz Road	E Office Area	Rooftop	2009	Capital (PW)	\$31,020.00
BD6	77 W Hintz Road	Maintenance Shops	Rooftop	2009	Capital (PW)	\$29,260.00
BD7	77 W Hintz Road	Workout/Locker Room	Rooftop	2009	Capital (PW)	\$29,260.00
BD8	77 W Hintz Road	Mechanic's Offices	Rooftop	2009	Capital (PW)	\$29,260.00
BD9	77 W Hintz Road	Mechanic's Garage	Rooftop	2009	Capital (PW)	\$37,860.00
Summary for 'Year to be Replaced' = 2026 (10 detail records)						\$250,600.00
2028						
B3	1 Community Blvd.	Boiler Room	Boiler	1979	Capital (PD)	\$65,000.00
IT1	2 Community Blvd	IT Server Room -Fan Coil Unit	Split System	2016	Capital (VH)	\$13,000.00
IT2	2 Community Blvd	IT Server Room - Outside Condenser	Split System	2016	Capital (VH)	\$5,000.00
IT3	2 Community Blvd	IT Server Room - East Unit	Split System	2009	Capital (VH)	\$12,000.00
BD14	77 W Hintz Road	SWANNC	Rooftop	2014	Capital (PW)	\$25,400.00
BD15	77 W Hintz Road	SWANNC	Rooftop	2014	Capital (PW)	\$23,000.00
Summary for 'Year to be Replaced' = 2028 (6 detail records)						\$143,400.00
2030						
A10	1 Community Blvd.	Lunch Room	Rooftop	2018	Capital (PD)	\$19,000.00
A13	1 Community Blvd.	Radio Room (South)	Rooftop	2018	Capital (PD)	\$19,000.00
A16	1 Community Blvd.	Radio Room (North)	Rooftop	2018	Capital (PD)	\$19,000.00
A6	1 Community Blvd.	Investigations/Commander	Rooftop	2018	Capital (PD)	\$19,000.00
A7	1 Community Blvd.	Conference Room/Special Ops	Rooftop	2018	Capital (PD)	\$19,000.00
A8	1 Community Blvd.	Chief's Office	Rooftop	2018	Capital (PD)	\$19,000.00
F2	499 S Milwaukee	2nd Floor Storage Room	Split System	2018	Capital (FD)	\$12,000.00
Summary for 'Year to be Replaced' = 2030 (7 detail records)						\$126,000.00
2032						
A1	1 Community Blvd.	Fire Station #42 Kitchen Area	Rooftop	2020	Capital (FD)	\$19,000.00
A12	1 Community Blvd.	P.D. Record Room	Rooftop	2020	Capital (PD)	\$21,000.00
A3	1 Community Blvd.	PD Traffic Unit Area	Rooftop	2020	Capital (PD)	\$20,000.00
A5	1 Community Blvd.	Watch Supervisor/Partol. Serg.	Rooftop	2020	Capital (PD)	\$19,000.00
M3	400 Town Street	Metra - North Unit	Heavy Duty Residential	2014	Capital (Metra)	\$18,500.00
M4	400 Town Street	Metra - South Unit	Heavy Duty Residential	2014	Capital (Metra)	\$18,500.00
F1	499 S Milwaukee	Roof Top Unit	Rooftop	2020	Capital (FD)	\$65,000.00
NS1	630 Northgate Pkwy	Well House Dehumidifier	Dehumidifier	2020	Water	\$13,000.00
LT1	795 Longtree	Make-up Air Unit	Make Up Air	2020	Water	\$18,000.00
SS1	95 Willow Road	HVAC Unit for Lower Level Pump Room	Rooftop	2020	Water	\$21,100.00

Unit #	Address	Location	Type	Year Installed	Fund	Cost to Replace
SS2	95 Willow Road	Office Area / Sprinkler Room	Make Up Air	2020	Water	\$10,000.00
Summary for 'Year to be Replaced' = 2032 (11 detail records)						\$243,100.00
2034						
A2	1 Community Blvd.	Bunk Room-Locker Rooms	Rooftop	2022	Capital (FD)	\$21,000.00
A20	1 Community Blvd.	Server Room - West Wall	Rooftop	2022	Capital (PD)	\$19,000.00
BD1	77 W Hintz Road	Director's Office	Rooftop	2022	Capital (PW)	\$21,900.00
BD10	77 W Hintz Road	North Makeup Air	Make Up Air	2009	Capital (PW)	\$25,000.00
BD11	77 W Hintz Road	Center Makeup Air	Make Up Air	2009	Capital (PW)	\$25,000.00
BD12	77 W Hintz Road	South Makeup Air	Make Up Air	2009	Capital (PW)	\$25,000.00
BD3	77 W Hintz Road	W Office Area	Rooftop	2022	Capital (PW)	\$28,200.00
BD4	77 W Hintz Road	Supervisor's Offices	Rooftop	2022	Capital (PW)	\$26,600.00
BD5	77 W Hintz Road	Lunch Room	Rooftop	2022	Capital (PW)	\$34,400.00
F1	780 S. Wheeling Rd	LT Office Conference Room Front Door Shi	Furnace	2021	Capital (FD)	\$18,000.00
F2	780 S. Wheeling Rd	Workout Room Kitchen Day Room	Furnace	2021	Capital (FD)	\$18,000.00
F3	780 S. Wheeling Rd	Bunk Room	Furnace	2021	Capital (FD)	\$18,000.00
SS3	95 Willow Road	Garage Make-up Air Unit	Make Up Air	2022	Water	\$16,000.00
Summary for 'Year to be Replaced' = 2034 (13 detail records)						\$296,100.00
2036						
F4	780 S. Wheeling Rd	Server Room	Split System	2021	Capital (FD)	\$13,000.00
M1	780 S. Wheeling Rd	Garage Makeup Air	Make Up Air	2021	Capital (FD)	\$16,000.00
M2	780 S. Wheeling Rd	Makeup air heat (Kitchen hood)	Make Up Air	2021	Capital (FD)	\$18,000.00
Summary for 'Year to be Replaced' = 2036 (3 detail records)						\$47,000.00
2050						
M1	1 Community Blvd.	Police - Main Garage	Make Up Air	2022	Capital (PD)	\$23,000.00
B1	2 Community Blvd	Boiler Room - South	Boiler	2009	Capital (VH)	\$23,000.00
B2	2 Community Blvd	Boiler Room - North	Boiler	2009	Capital (VH)	\$23,000.00
Summary for 'Year to be Replaced' = 2050 (3 detail records)						\$69,000.00
Grand Total						\$1,414,400.00

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Project #:	CI-10	Department:	Building Services Division
Project Name:	Roof Replacement Program	Contact:	
Project Status:	Previously Identified	Type:	Improvement
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

A professional roof consultant/inspector is retained by Public Works to perform biennial assessments of the Village's roof system. Using a systematic and objective method, roof consultants/inspectors document various distress types including severity and quantity. This information is then used to determine repair and replacement needs as well as priorities to ensure efficient allocation of resources. This project funds the replacement of existing roof sections that have exceeded their estimated useful lives and are incurring excessively high maintenance and repair costs.

Justification

The typical life expectancy of a roof system is 10-25 years. Attached is a roof replacement schedule per year. The following roof sections and locations for this funding include:
 2025= Section 01.5 at PD/FS42

 2027= Section 01.1, 01.6,01.7A&B at PD/FS42

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Supervision	CI-10	-	30,000	-	25,000	-	55,000
Construction/Maintenance	CI-10	-	605,000	-	570,000	-	1,175,000
Engineering Services	CI-10	10,000	-	10,000	-	-	20,000
Total		10,000	635,000	10,000	595,000	-	1,250,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	CI-10	10,000	635,000	10,000	595,000	-	1,250,000
Total		10,000	635,000	10,000	595,000	-	1,250,000

Roof Replacement By Year

Replacement Year	Roof Section	Square feet	Membrane System	Year Installed	ted Replacement Cost
2025					
Police Department/Fire Station 42	01.5	16,722	Built Up - Tar	2000	\$605,000.00
Sum		16,722			\$ 605,000.00
2027					
Police Department/Fire Station 42	01.6	2,652	Built Up - Tar	1999	\$101,000.00
Police Department/Fire Station 42	01.7A	8,458	Built Up - Tar	2001	\$322,000.00
Police Department/Fire Station 42	01.7B	510	Built Up - Tar	2001	\$20,000.00
Police Department/Fire Station 42	01.1	3,332	Built Up - Tar	2000	\$127,000.00
Sum		14,952			\$ 570,000.00
2035					
Fire Station 24			TPO and Architectural shingles	0	\$150,000.00
Public Works	Salt Dome	3,000	Domed Roof - Asphalt Shingles	2008	\$24,000.00
Sum		3,000			\$ 174,000.00
2039					
Central Receiving Station (750 S. Wheeling Rd)		450	Built Up - Tar	1985	\$30,000.00
Police Department/Fire Station 42	01.3	1,225	TPO roof with sky lights	1999	\$75,000.00
Public Works		121,000	Single ply EDPM, insulated metal deck,	2009	\$900,000.00
Well #5 (175 Old McHenry Road)		460	Built Up - Tar	1964	\$30,000.00
Sum		123,135			\$ 1,035,000.00
2040					
Huskey Park Pumping Station (1100 Lee St)		400	Built Up - Tar	2020	\$30,000.00
North Receiving Station (630 Northgate)		2,800	Built Up - Tar	2020	\$130,000.00
Well #7 (765 Longtree Drive)		680	Built Up - Tar	2020	\$45,000.00
Sum		3,880			\$ 205,000.00
2042					
Police Department/Fire Station 42	01.9	5,796	Built Up - Tar	2022	\$110,000.00
Police Department/Fire Station 42	01.8	11,943	Built Up - Tar	2022	\$19,000.00
Police Department/Fire Station 42	01.2	2,100	Built Up - Tar	2022	\$40,000.00
Sum		19,839			\$ 169,000.00

Replacement Year	Roof Section	Square feet	Membrane System	Year Installed	ted Replacement Cost
2043					
Village Hall		27,500	TPO Membrane, no ballast, metal deck	2008	\$225,000.00
Sum		27,500			\$ 225,000.00
2046					
Metra Station		3,750	Pitched Roof - architectural shingles	2021	\$100,000.00
South Receiving Station (95 Willow Road)		6,000	Pitched Roof - architectural shingles	2021	\$120,000.00
Sum		9,750			\$ 220,000.00
2058					
Village Hall	Board Room	2,600	Composite shingles, light metal truss	2008	\$16,000.00
Sum		2,600			\$ 16,000.00
2071					
Fire Station 23			Standing Seam	2021	\$100,000.00
Sum					\$ 100,000.00
Grand Total		221,378			\$ 3,319,000.00

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #: CI-15	Department: Community Development
Project Name: New Public Sidewalk Construction Program *	Contact:
Project Status: Previously Identified	Type: Improvement
Priority: Funded	Category: Sidewalks
Status: Active	

Description

This program provides for the installation of new public sidewalks to improve the transportation network of the Village by providing alternate modes of transit, thereby decreasing reliance on the automobile.

Justification

Walks are planned for construction in areas that contain gaps in the existing sidewalk network. Areas certain to benefit from future development are not considered for new sidewalks under this program. The area selected is along Milwaukee Avenue, approximately 300 feet south of Prestwick Lane (north) to Sumac Road (south), and includes obtaining easements from certain properties.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	CI-15	425,000	-	-	-	-	425,000
Engineering Services	CI-15	30,000	-	-	-	-	30,000
Material Testing	CI-15	2,500	-	-	-	-	2,500
Total		457,500	-	-	-	-	457,500

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	CI-15	57,500	-	-	-	-	57,500
TIF, Southeast Capital Imp (3610)	CI-15	400,000	-	-	-	-	400,000
Total		457,500	-	-	-	-	457,500

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CI-41	Department:	Streets/Forestry Division
Project Name:	Streetlight Replacement Program	Contact:	
Project Status:	Previously Identified	Type:	Improvement
Priority:	Funded	Category:	Lighting
Status:	Active		

Description

This multi-year program is conducted on a biennial basis. Village streetlights that do not conform to current standards are brought into compliance, by replacing concrete poles with aluminum, and related wiring.

Justification

With the new streetlight pole replacement, the old and failing aluminum direct bury wiring is being replaced with copper wiring enclosed in a unit-duct raceway. Approximately 20 to 30 light poles are scheduled for replacement. Streetlights in the Ridgefield Subdivision are scheduled to be replaced in 2024. Abbott, Holbrook, Cedar, Highland, Park, Maple, Marcy, Scott and Anthony are scheduled for 2026. Fiscal year 2026 is expected to be the final year of this program.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	CI-41	510,000	-	500,000	-	-	1,010,000
Engineering Services	CI-41	40,000	40,000	-	-	-	80,000
Total		550,000	40,000	500,000	-	-	1,090,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	CI-41	550,000	40,000	500,000	-	-	1,090,000
Total		550,000	40,000	500,000	-	-	1,090,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CI-56	Department:	Capital Projects Division
Project Name:	Parking Lot Improvements	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

This project funds Village parking lot improvements that consist of patching, grind, overlay, and restriping, or a combination of these to maintain the lots. The schedule for such improvements are determined collectively by the Streets and Engineering divisions.

Justification

Regular improvements and maintenance of Village parking lots is an effective way of reducing the need for more costly reconstruction. Improvements are necessary to repair cracks, rifts, and potholes and provide a safe parking lot to employees and visitors. For fiscal year 2024, the west drive lane into Public Works is scheduled for improvements. Village Hall is scheduled for 2025.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CI-56	70,000	300,000	-	-	-	370,000
Engineering Services	CI-56	50,000	30,000	-	-	-	80,000
Total		120,000	330,000	-	-	-	450,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	CI-56	120,000	330,000	-	-	-	450,000
Total		120,000	330,000	-	-	-	450,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CI-70	Department:	Fire Department
Project Name:	Fire Station 42	Contact:	
Project Status:	Previously Identified	Type:	Improvement
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

The construction of Fire Station 42 began in 2023 and is scheduled for completion in 2024.

Justification

Existing Fire Station 42 (1 Community Blvd.) was originally constructed in 1979/1980. When the decision was made to relocate the Fire Department’s headquarters to 499 S. Milwaukee Avenue (Fire Station 24) in the late 2000’s, the overall plan was to eventually relocate Fire Station 42 from its existing location to better serve the community and reclaim the existing space for future expansion of the Police Department. As result, a “temporary” fire station was created within the Police Department, in order to maintain services at this location. Since 2010, no definitive action has been taken to proceed with relocation and construction of a new Fire Station 42 or conversion of the existing space into a fully-functional fire station. Personnel housed at Station 42 have two small windowless rooms to operate out of. The office and sleeping quarters are in the men’s locker room area. In addition , and most important is the delayed emergency response times to our most frequent areas for emergency calls for service (Northwest quadrant).

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CI-70	1,115,000	-	-	-	-	1,115,000
Total		1,115,000	-	-	-	-	1,115,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	CI-70	1,115,000	-	-	-	-	1,115,000
Total		1,115,000	-	-	-	-	1,115,000

Village of Wheeling
Capital Improvement Plan
 2024 *thru* 2028

Project #:	CI-71	Department:	Capital Projects Division
Project Name:	Village Hall Generator Improvements	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

This project includes replacing the the backup generator at Village Hall along with upgrading the controls.

Justification

There have been ongoing concerns, such as failures to transfer power, obsolete controls and generator failure since the transfer switch and generator have been installed in 2009. Staff compared repair costs to costs associated with replacing the generator with a new unit. A new backup generator along with upgrading the transfer switch are needed to streamline operations and ensure power is maintained for vital Village operations including the main server system.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CI-71	300,000	-	-	-	-	300,000
Construction Supervision		20,000	-	-	-	-	20,000
Total		320,000	-	-	-	-	320,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CI-71	320,000	-	-	-	-	320,000
Total		320,000	-	-	-	-	320,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-01	Department:	Capital Projects Division
Project Name:	Pavement Markings	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

This contractual program provides traffic markings that identify travel lanes and other guidance markings for auto, trucks, pedestrian and bicycle transportation.

Justification

This annual program, reviewed by staff, is required in order to maintain a safe and efficient roadway. Pavement markings communicate rules to both drivers and pedestrians, and includes lane paint striping and special markings such as stop bars or turn arrows.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-01	35,000	35,000	35,000	35,000	35,000	175,000
Total		35,000	35,000	35,000	35,000	35,000	175,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-01	35,000	35,000	35,000	35,000	35,000	175,000
Total		35,000	35,000	35,000	35,000	35,000	175,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #: CO-02	Department: Capital Projects Division
Project Name: Sidewalk Replacement Program	Contact:
Project Status: Previously Identified	Type: Maintenance
Priority: Funded	Category: Sidewalks
Status: Active	

Description	<p>This annual contractual program replaces existing defective sidewalk squares and other miscellaneous concrete as necessary. Areas are typically identified and prioritized by staff prior to work being performed.</p>
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Justification	<p>The Village continues its ongoing effort and responsibility to maintain its sidewalks in a safe condition while, at the same time, providing availability for in-house personnel to perform other required and necessary core duties. Annually, a survey is completed by staff for a quarter of the community and the data collected in these surveys becomes part of the repair locations in the upcoming year's program.</p>
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Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-02	120,000	120,000	120,000	120,000	120,000	600,000
Total		120,000	120,000	120,000	120,000	120,000	600,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-02	120,000	120,000	120,000	120,000	120,000	600,000
Total		120,000	120,000	120,000	120,000	120,000	600,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-03	Department:	Streets/Forestry Division
Project Name:	Parkway Tree Planting Program	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

This annual program replaces dead/diseased and/or previously removed parkway trees. It also provides for the planting of trees along parkways where none presently exist to enhance aesthetic appearance.

Justification

The Village’s commitment to fund and replace trees, in accordance to its Forestry Management Plan, preserves the environmental, aesthetic, economic and social benefits that trees provide to the community. These benefits include reduced storm water run-off, improved air quality, energy conservation, increased property values and visually attractive neighborhoods. The amount and location of plantings are determined by the Forestry division.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-03	40,000	45,000	45,000	45,000	45,000	220,000
Total		40,000	45,000	45,000	45,000	45,000	220,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-03	40,000	45,000	45,000	45,000	45,000	220,000
Total		40,000	45,000	45,000	45,000	45,000	220,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-04	Department:	Capital Projects Division
Project Name:	Crack Sealing Program	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

The project is an annual program that seals pavement cracks and joints to extend the life of pavements. Locations are reevaluated and adjusted yearly.

Justification

Elements such as water or moisture entering roadways through cracks accelerates the deterioration of roadways. Sealing of cracks and joints in pavements has been proven to be beneficial in extending the life of payments, whether pavements are Bituminous Asphalt or Portland Cement Concrete.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-04	65,000	65,000	40,000	40,000	40,000	250,000
		65,000	65,000	40,000	40,000	40,000	250,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-04	65,000	65,000	40,000	40,000	40,000	250,000
		65,000	65,000	40,000	40,000	40,000	250,000

Village of Wheeling
Capital Improvement Plan
 2024 *thru* 2028

Project #:	CO-05	Department:	Capital Projects Division
Project Name:	Paver Brick Maintenance*	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

This project funds paver brick maintenance along Milwaukee Avenue, Dundee Road, Northgate Median, Northgate Pocket Park, Village Hall, Centennial Fountain, Dawson Memorial, Lehmann Fountain, Friendship Park, Veteran's Memorial Park, Water Tower #1, Lark Park, Public Works and the Clock Tower.

Justification

This maintenance program involves the removal and replacement of damaged brick pavers and adding of new joint sand for brick pavers. It also maintains the aesthetics of the community along main thoroughfares. 2024 will concentrate on both sides of Milwaukee Avenue South of Dundee Road.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-05	135,000	100,000	-	-	-	235,000
Total		135,000	100,000	-	-	-	235,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-05	100,000	100,000	-	-	-	200,000
TIF, Town Center II Capital Imp (3510)	CO-05	35,000	-	-	-	-	35,000
Total		135,000	100,000	-	-	-	235,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 *thru* 2028

Project #:	CO-06	Department:	Capital Projects Division
Project Name:	Police Department Remodeling	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

This project will include remodeling the current kitchen/break area at the Police Department as well as the current break room/kitchen in use by the Fire Department. The PD kitchen area will require new countertops, paintwork, floor refinishing (unless otherwise requiring replacement) and various appliances. The FD kitchen will need paintwork, new carpeting, and furnishings. The current bunk area will require reconstruction and furniture. A new PD monument sign is also included in this project cost.

Justification

The Fire Department will be leaving 1 Community Blvd. once the construction of the third station is completed. As a result, the Police Department will be utilizing the entire building and will require remodeling as an extension to their current facility.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-06	85,000	-	-	-	-	85,000
Total		85,000	-	-	-	-	85,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-06	85,000	-	-	-	-	85,000
Total		85,000	-	-	-	-	85,000

Village of Wheeling
Capital Improvement Plan
 2024 *thru* 2028

Project #:	CO-08	Department:	Capital Projects Division
Project Name:	Asphalt Sealing Municipal Lots*	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

This project consists of seal coating Hot-Mix asphalt parking lots of municipal buildings followed by re-striping of parking lot stalls.

Justification

Pavement sealing is an economical method for maintaining Hot-Mix asphalt pavements such as parking lots by decreasing oxidation (that occurs via exposure to air) and ultraviolet light bleaching (that occurs via exposure to sunlight) as well as preventing moisture from entering the pavement. Research has shown, when sealers are regularly applied to Hot-Mix asphalt pavements they extend the life of the pavements and delay reconstruction; therefore, implementation of seal coating program every 4 to 6 years is desirable to maintain and extend the life of these Hot-Mix asphalt pavements. In 2024 the west entrance road into Public Works and the parking lots for Fire Stations 23 and 42 will be sealed. The Village Hall Parking Lot is scheduled for 2025.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-08	20,000	30,000	-	-	-	50,000
		20,000	30,000	-	-	-	50,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-08	20,000	30,000	-	-	-	50,000
		20,000	30,000	-	-	-	50,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-09	Department:	Capital Projects Division
Project Name:	Asphalt Surface Treatment Program	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

This program is an ongoing project that provides for placing a rejuvenating liquid on the roadways to extend the life of streets. Locations are re-evaluated and adjusted on an annual basis by Public Works Staff.

Justification

Pavement rejuvenation maintains asphalt pavement through the reduction of oxidation and ultraviolet light negatively affecting the asphalt. The sealant also reduces the infiltration of moisture under the pavement surface limiting the occurrence of sub-base upheaval that leads to potholes. Streets that were paved in 2023 will be sealed in 2024 through this program.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Maintenance	CO-09	80,000	75,000	75,000	75,000	75,000	380,000
		80,000	75,000	75,000	75,000	75,000	380,000
Total		80,000	75,000	75,000	75,000	75,000	380,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-09	80,000	75,000	75,000	75,000	75,000	380,000
		80,000	75,000	75,000	75,000	75,000	380,000
Total		80,000	75,000	75,000	75,000	75,000	380,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-61	Department:	Capital Projects Division
Project Name:	Pavement Assessment	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

This project updates the Village's pavement evaluation data in addition to assisting staff with budget analysis and reporting. Core services include: field work, pavement condition, calculation of PCI (pavement condition index), budget analysis report; pavement condition and coring.

Justification

Assessing the condition of Village owned and maintained streets allows for the efficient planning of maintenance and rehabilitation. This program is performed every three years, and was last completed through a consultant in 2021.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction /Maintenance	CO-61	50,000	-	-	55,000	-	105,000
Total		50,000	-	-	55,000	-	105,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-61	50,000	-	-	55,000	-	105,000
Total		50,000	-	-	55,000	-	105,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-62	Department:	Capital Projects Division
Project Name:	Fountain Maintenance	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

Friendship Park, located on the northeast corner of Milwaukee and Dundee includes a fountain that will require repair to a leaking return pipe located at the bottom of the fountain in 2024. In 2025, this project funds a consultant/contractor to inspect the fountain thoroughly and recommend repairs, put together bid specifications and publicly bid the project.

Justification

As the result of inspections in 2022 and 2023 staff found that the 12" PVC return pipe has an ongoing leak in addition the second lowest pool leaking. The fountain is constructed of concrete and the joints could be a source of water loss. In fact, approximately 600 gal/hour has been recorded at peak loss times. Because of the way the fountain is constructed, not all of the membrane is accessible while making repairs, which may be leading to water loss as well. Therefore, a detailed inspection is required to locate the source(s) of leaks and make recommendations for repair.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction /Maintenance	CO-62	200,000	1,000,000	-	-	-	1,200,000
Engineering Services	CO-62	50,000	50,000	-	-	-	100,000
Total		250,000	1,050,000	-	-	-	1,300,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-62	250,000	1,050,000	-	-	-	1,300,000
Total		250,000	1,050,000	-	-	-	1,300,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-63	Department:	Capital Projects Division
Project Name:	Combined Area Fire Training Facility Improvements	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

During 2023, a number of updates were identified by an engineering consultant due to the age and condition of the site infrastructure that is original from 1996. These updates include underground utility improvements, new parking lot construction and existing parking lot rehabilitation at the Combined Area Fire Training Facility.

Justification

Starting in 1991, the fire departments of Buffalo Grove, Deerfield-Bannockburn, Lincolnshire-Riverwoods, Long Grove and Wheeling recognized the need for a combined training facility as all five fire departments worked closely together and combined training would be beneficial. The cost for improvements is shared equally by the five municipalities. Total cost for this project is estimated at \$882,000.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction /Maintenance	CO-63	180,000	-	-	-	-	180,000
Total		180,000	-	-	-	-	180,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-63	180,000	-	-	-	-	180,000
Total		180,000	-	-	-	-	180,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-65	Department:	Capital Projects Division
Project Name:	Village Hall/Park District Sign Replacement	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

This project funds the replacement of the Village Hall electronic monument sign that is placed, and highly visible, on Dundee Road.

Justification

The current monument sign was installed in 2009, and was a partnership between the Village and the Park District. The current monument sign is outdated and too small.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction /Maintenance	CO-65	50,000	-	-	-	-	50,000
		50,000	-	-	-	-	50,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-65	50,000	-	-	-	-	50,000
		50,000	-	-	-	-	50,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	CO-66	Department:	Capital Projects Division
Project Name:	Interior and Exterior Painting	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Buildings/Land
Status:	Active		

Description

This project funds pressure washing, sandblasting, caulking of all gaps, painting of exterior and interior of Public Works facility.

Justification

In order to maintain the facility, work is necessary to preserve the integrity of the pre-cast tilt-up facility and prevent water infiltration. The following is scheduled for such maintenance:

2024: Painting the exterior of the Public Works Building and Washbay Railing sandblasting and painting.
 2025: Painting of the Main Garage.
 2027: Painting interior of Public Works areas.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction /Maintenance	CO-66	95,000	40,000	-	40,000	-	175,000
Total		95,000	40,000	-	40,000	-	175,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Outlay (3410)	CO-66	95,000	40,000	-	40,000	-	175,000
Total		95,000	40,000	-	40,000	-	175,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	MFT-01	Department:	Capital Projects Division
Project Name:	Street Improvement Program*	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

This program provides for the resurfacing or, if necessary, the reconstruction of existing pavements according to a 5-year plan that is reevaluated and adjusted on an annual basis. Streets are selected for improvement based on existing conditions and scheduling of cost effective rehabilitation strategies.

Justification

Prior pavement management programs recommended the scheduling of various cost-effective repairs to existing pavements to maintain an acceptable roadway condition rating of 75. Completion of the repairs will prevent accelerated deterioration and more costly reconstruction.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	MFT-01	2,000,000	1,475,000	1,475,000	1,475,000	1,475,000	7,900,000
Construction Supervision	MFT-01	160,000	145,000	125,000	125,000	125,000	680,000
Engineering Services	MFT-01	150,000	150,000	150,000	150,000	150,000	750,000
Material Testing	MFT-01	20,000	20,000	20,000	20,000	20,000	100,000
Total		2,330,000	1,790,000	1,770,000	1,770,000	1,770,000	9,430,000

Funding Sources		2024	2025	2026	2027	2028	Total
Motor Fuel Tax (MFT) (11)	MFT-01	2,230,000	1,690,000	1,670,000	1,670,000	1,670,000	8,930,000
Storm Sewer Capital Imp (4510)	MFT-01	100,000	100,000	100,000	100,000	100,000	500,000
Total		2,330,000	1,790,000	1,770,000	1,770,000	1,770,000	9,430,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	MFT-02	Department:	Capital Projects Division
Project Name:	MFT General Maintenance	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

Funding for this program includes street light energy, street light equipment maintenance, traffic signal maintenance, road salt for snow and ice control, and liquid calcium chloride to augment snow/ice control.

Justification

The MFT (motor fuel tax), administered through the State of Illinois, provides for municipalities to utilize funds for a variety of maintenance options such as construction and maintenance of roads, traffic controls, street lighting, and more. As such, these funds are directed to materials and operational costs necessary to maintain the Village roadways on an annual basis.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Liquid Calcium Chloride	MFT-02	3,000	3,000	3,000	3,000	3,000	15,000
Road Salt	MFT-02	125,250	125,250	125,250	125,250	125,250	626,250
Salt Brine	MFT-02	8,000	8,000	8,000	8,000	8,000	40,000
Street Signs	MFT-02	12,000	12,000	12,000	12,000	12,000	60,000
Streetlight Energy	MFT-02	55,000	55,000	55,000	55,000	55,000	275,000
Streetlight Equipment Maint.	MFT-02	15,000	15,000	15,000	15,000	15,000	75,000
Traffic Signal Maint.	MFT-02	45,000	45,000	45,000	45,000	45,000	225,000
Total		263,250	263,250	263,250	263,250	263,250	1,316,250

Funding Sources		2024	2025	2026	2027	2028	Total
Motor Fuel Tax (MFT) (11)	MFT-02	263,250	263,250	263,250	263,250	263,250	1,316,250
Total		263,250	263,250	263,250	263,250	263,250	1,316,250

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	MFT-04	Department:	Capital Projects Division
Project Name:	Wheeling Road Improvements-RI1*	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

Right-Of- Way (ROW) acquisition for Phase II Design of the 11,000 feet of road will require street reconstruction, street patching and repair, storm sewer installation and/or modification, sidewalk repair, new sidewalk sections, and lighting. This project also includes removing and replacing the culvert that crosses Wheeling Road just north of Mercantile Ct.

Justification

As part of reconstructing Wheeling Road and adding a multi-use path, some ROW will need to be obtained and or regraded along the corridor. This will require permanent and temporary easements to accomplish these improvements. Having this work done will greatly increase the Village's chances of obtaining STP Grant Funding. In July of 2023, the corrugated metal culvert separated at the joints, causing a sinkhole to develop and partial collapse of the roadway. A temporary repair of the pipe was done. This culvert was scheduled to be replaced as part of the overall Wheeling Road Improvement Project, but with that work not scheduled for the next several years, replacement now is needed.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Engineering Services	MFT-04	850,000	-	-	-	-	850,000
Construction	MFT-04	300,000	-	-	-	3,150,000	3,450,000
Construction Supervision	MFT-04	25,000	-	-	-	1,850,000	1,875,000
Total		1,175,000	-	-	-	5,000,000	6,175,000

Funding Sources		2024	2025	2026	2027	2028	Total
Motor Fuel Tax (MFT) (11)	MFT-04	500,000	-	-	-	1,500,000	2,000,000
Storm Sewer Capital Imp (4510)	MFT-04	325,000	-	-	-	1,000,000	1,325,000
Capital Imp-Invest in Cook (3420)	MFT-04	350,000	-	-	-	-	350,000
Town Center TIF Cap Imp (3510)	MFT-04	-	-	-	-	2,500,000	2,500,000
Total		1,175,000	-	-	-	5,000,000	6,175,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	MFT-05	Department:	Capital Projects Division
Project Name:	Lakeside Villa's Resurfacing-RI3*	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

This program provides for the resurfacing or, if necessary, the reconstruction of existing pavements according to a 5-year plan that is reevaluated and adjusted on an annual basis. Streets are selected for improvement based on existing conditions and scheduling of cost effective rehabilitation strategies.

Justification

In 2023, the water main was replaced in this subdivision. The new water main was placed in the road and then the road was patched. As a result of the heavy construction equipment and patching, resurfacing of this subdivision is warranted.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	MFT-05	395,000	-	-	-	-	395,000
Construction Supervision	MFT-05	25,000	-	-	-	-	25,000
Engineering Services	MFT-05	25,000	-	-	-	-	25,000
Material Testing	MFT-05	5,000	-	-	-	-	5,000
Total		450,000	-	-	-	-	450,000

Funding Sources		2024	2025	2026	2027	2028	Total
Motor Fuel Tax (MFT) (11)	MFT-05	225,000	-	-	-	-	225,000
Water Capital Imp (4330)	MFT-05	225,000	-	-	-	-	225,000
Total		450,000	-	-	-	-	450,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	MFT-06	Department:	Capital Projects Division
Project Name:	Strong Avenue Improvements - RI4*	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

Phase I and II Engineering Services to apply for Surface Transportation Program (STP) Funding.

Justification

In 2021, the Village applied for and was granted a change in classification for Strong Avenue from a local road to a Federal Aid Urban (FAU) Route. This FAU classification allows the Village to apply for STP Funding which could pay for 75% of the cost to resurface Strong Avenue. Rebuild Illinois Funds will be used to fund Phase I and II Engineering Services.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Engineering Services	MFT-06	85,000	-	-	-	-	85,000
Total		85,000	-	-	-	-	85,000

Funding Sources		2024	2025	2026	2027	2028	Total
Motor Fuel Tax (MFT) (11)	MFT-06	85,000	-	-	-	-	85,000
Total		85,000	-	-	-	-	85,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	MFT-07	Department:	Capital Projects Division
Project Name:	Lexington Drive Improvements - RI5*	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Streets
Status:	Active		

Description

Phase II Engineering Services to apply for Surface Transportation Program (STP) Funding.

Justification

In 2021, the Village applied for and was granted a change in classification for Lexington Drive from a local road to a Federal Aid Urban (FAU) Route. This FAU classification allows the Village to apply for STP Funding which could pay for 75% of the cost to resurface Lexington Drive. In 2023, Phase I Engineering was completed. Rebuild Illinois Funds will be used to fund Phase II Engineering Services.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Engineering Services	MFT-07	50,000	-	-	-	-	50,000
Total		50,000	-	-	-	-	50,000

Funding Sources		2024	2025	2026	2027	2028	Total
Motor Fuel Tax (MFT) (11)	MFT-07	50,000	-	-	-	-	50,000
Total		50,000	-	-	-	-	50,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	SSCI-03
Project Name:	Sanitary Sewer Lining Project

Department: Utility Division

Contact:

Project Status: Previously Identified

Type: Maintenance

Priority: Funded

Category: Sanitary Sewer

Status: Active

Description

This is an ongoing, maintenance program that provides for the lining of specific segments of defective sanitary sewer pipe. The cost for this sewer rehabilitation program is attributable to the age, condition and number of service laterals.

Justification

The defective segments scheduled for lining are located and identified during the preceding fiscal year by the Village's in-house Sanitary Sewer Televising Program and through the contractual Sanitary Sewer Evaluation Survey (SSES) program.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction/Maintenance	SSCI-03	180,000	-	180,000	-	180,000	540,000
Total		180,000	-	180,000	-	180,000	540,000

Funding Sources		2024	2025	2026	2027	2028	Total
San Sewer Capital Imp (4340)	SSCI-03	180,000	-	180,000	-	180,000	540,000
Total		180,000	-	180,000	-	180,000	540,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	SSCI-04
Project Name:	Lift Station Improvements

Department: Utility Division

Contact:

Project Status: Previously Identified

Type: Maintenance

Priority: Funded

Category: Sanitary Sewer

Status: Active

Description

This project funds miscellaneous improvements to lift stations. Including but not limited to: pump replacement, rail system replacement, wet well repair or replacement, control panel upgrade or replacement, electrical component improvements, communication/SCADA upgrades, piping repair or replacement.

Justification

To further enhance the division's asset management plan, a detailed condition assessment was completed at the sewer facilities. Consultants inspected each site and provided recommendations for improvements at each station. The improvements will ensure that the lift stations are running at their fullest potential and in a most efficient manner. The recommendations are prioritized on level of importance, and are prioritized in a manner that reflects their condition, productivity, and reasonable time for replacement.

2024 Arlington Club Sanitary Lift Station
 2026 Edgewood Sanitary Lift Station
 2028 Lee Street Sanitary Lift Station

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	SSCI-04	180,000	-	95,000	-	100,000	375,000
Total		180,000	-	95,000	-	100,000	375,000

Funding Sources		2024	2025	2026	2027	2028	Total
San Sewer Capital Imp (4340)	SSCI-04	180,000	-	95,000	-	100,000	375,000
Total		180,000	-	95,000	-	100,000	375,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	SSCI-14	Department:	Utility Division
Project Name:	Manhole Lining and Rehabilitation	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Sanitary Sewer
Status:	Active		

Description

Lining/Manhole Sealing is a rehabilitation technique utilized on manholes that require structural reinforcement, are susceptible to runoff and groundwater seepage, and/or require protection from corrosive gases that are sometimes present in the sewer. Other rehabilitation work includes: internal chimney seals, grout wall joints, repair bench and trough, seal and adjust frames.

Justification

Manholes were by far the largest contributor of Inflow & Infiltration (I/I) , in the sewer system. To comply with the new MWRD Control Program, efforts must be made to reduce I/I in the sewer system. Locations for this work are determined by the annual SSES Investigation Project.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction Supervision	SSCI-14	-	30,000	-	30,000	-	60,000
Construction /Maintenance	SSCI-14	-	220,000	-	220,000	-	440,000
Engineering Services	SSCI-14	5,000	-	5,000	-	5,000	15,000
Total		5,000	250,000	5,000	250,000	5,000	515,000

Funding Sources		2024	2025	2026	2027	2028	Total
San Sewer Capital Imp (4340)	SSCI-14	5,000	250,000	5,000	250,000	5,000	515,000
Total		5,000	250,000	5,000	250,000	5,000	515,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	SSCO-05	Department:	Utility Division
Project Name:	SSSES Investigation	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Sanitary Sewer
Status:	Active		

Description

Sanitary Sewer Evaluation Services evaluate the sewer system and potential problems, such as inflow and infiltration into the pipes, as well as structural problems within the system. This ongoing monitoring, utilizes video cameras and other detection tools, is used to develop condition assessments of the sewer line to determine when repair, rehabilitation or replacement is required.

Justification

Services in this program include smoke testing, dye testing, sewer televising review, manhole inspections, property inspections, etc. to comply with Metropolitan Water Reclamation District (MWRD) requirements for Inflow and Infiltration (I/I). Services are provided through a Village consultant/contractor.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction /Maintenance	SSCO-05	40,000	40,000	40,000	40,000	40,000	200,000
Total		40,000	40,000	40,000	40,000	40,000	200,000

Funding Sources		2024	2025	2026	2027	2028	Total
San Sewer Capital Out (4320)	SSCO-05	40,000	40,000	40,000	40,000	40,000	200,000
Total		40,000	40,000	40,000	40,000	40,000	200,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	STSCI-03	Department:	Utility Division
Project Name:	South Dunhurst Storm Sewer Improvements *	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Storm Sewer/Drainage
Status:	Active		

Description

This project includes rerouting existing storm sewers, and installing new storm sewers and detention areas.

Justification

The Village's Stormwater Master Plan, completed in 2015 and reviewed again in 2022, has identified this area as an improvement project to alleviate flooding concerns. This project may qualify for funding, up to \$1M each, through both the Community Project Fund (CPF) and MWRD Stormwater Partnership assistance programs.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	STSCI-03	3,000,000	2,800,000	-	-	-	5,800,000
Construction Supervision	STSCI-03	160,000	160,000	-	-	-	320,000
Engineering Services	STSCI-03	-	-	-	-	-	-
Total		3,160,000	2,960,000	-	-	-	6,120,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	STSCI-03	360,000	160,000	-	-	-	520,000
Storm Sewer Capital Im[(4510)	STSCI-03	1,800,000	1,800,000	-	-	-	3,600,000
Storm Sewer Fund (45)	STSCI-03	1,000,000	1,000,000	-	-	-	2,000,000
Total		3,160,000	2,960,000	-	-	-	6,120,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #: STSCI-99	Department: Finance Department
Project Name: Stormwater Operating Cost Fund Transfer	Contact: Michael Kaplan
Project Status: Previously Identified	Type: Maintenance
Priority: Funded	Category: Storm Sewer/Drainage
Status: Active	

Description

This project transfers monies to Water and Sewer Fund for ongoing departmental maintenance operating costs.

Justification

The extensive nature of the Village's storm water piping system, coupled with increasing numbers of severe rain events and extremely flat topography, requires daily maintenance by Public works personnel.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction/Maintenance	STSCI-99	316,000	335,750	355,500	375,250	395,000	1,777,500
		316,000	335,750	355,500	375,250	395,000	1,777,500
Total		316,000	335,750	355,500	375,250	395,000	1,777,500

Funding Sources		2024	2025	2026	2027	2028	Total
Storm Sewer Capital Imp (4510)	STSCI-99	316,000	335,750	355,500	375,250	395,000	1,777,500
		316,000	335,750	355,500	375,250	395,000	1,777,500
Total		316,000	335,750	355,500	375,250	395,000	1,777,500

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	STSCO-02	Department:	Capital Projects Division
Project Name:	Storm Water Televising, Mapping and Condition Assessment	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Storm Sewer/Drainage
Status:	Active		

Description

This project is part of the Village's ongoing program to televise and assess the location and condition of the storm sewer collection system throughout the Village. This multi-year project includes televising, geolocation of structures, pipe invert collection, GIS integration, etc.

Justification

After collecting the data, the Public Works Department will evaluate and prioritize the storm water system rehabilitation based on defect severity, occurrence interval of failures, service reliability and other related parameters. This is year 2 of a 4 year program. The Village has never mapped the storm sewer system and has a low level of confidence in accuracy of the maps. Accurate mapping is a necessary baseline component of infrastructure management.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Engineering Services	STSCO-02	750,000	750,000	750,000	-	-	2,250,000
Total		750,000	750,000	750,000	-	-	2,250,000

Funding Sources		2024	2025	2026	2027	2028	Total
Storm Sewer Capital Outlay (4520)	STSCO-02	750,000	750,000	750,000	-	-	2,250,000
Total		750,000	750,000	750,000	-	-	2,250,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	STSCO-03	Department:	Utility Division
Project Name:	Ecko Lake Storm Sewer Repair	Contact:	
Project Status:	New	Type:	Maintenance
Priority:	Funded	Category:	Storm Sewer/Drainage
Status:	Active		

Description

This project funds the repair the end of the storm sewer end pipe. Work to include bulkheading the headwall, filling with controlled low strength material and mortaring the gap in the pipe.

Justification

During a recent inspection, it was noted the outfall pipes and headwalls at Echo Lake are beginning to fail. This repair will prevent the infiltration of debris into the pipe which could cause undermining of the roadway and storm sewer.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Engineering Services	STSCO-03	50,000	-	-	-	-	50,000
Total		50,000	-	-	-	-	50,000

Funding Sources		2024	2025	2026	2027	2028	Total
Storm Sewer Capital Outlay (4520)	STSCO-03	50,000	-	-	-	-	50,000
Total		50,000	-	-	-	-	50,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	WCI-01	Department:	Utility Division
Project Name:	Watermain Replacement Program	Contact:	
Project Status:	New	Type:	Improvement
Priority:	Funded	Category:	Water
Status:	Active		

Description

This project funds the replacement of existing ductile and cast iron water mains within various subdivisions and developments throughout the Village in accordance with the July 1999 Water Main Priority Replacement Program. Design and construction costs are included. Street resurfacing is included in the cost of these projects.

Justification

The existing ductile and cast iron pipes are failing at accelerated rates, resulting in an inordinate number of service interruptions. Thin wall cast iron pipe is responsible for approximately 66% of all reported pipe failures and repair procedures are no longer cost effective.

Year	Length	Location
2024	6700	Dundee Rd between Railroad tracks and Hollywood Ridge
2025	7600	Palatine Frontage Road and Wheeling Road
2026	4600	Wheeling Avenue, Willie Avenue
2027	4300	Lincoln, Walnut, Park and Highland up to Sunrise

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	WCI-01	3,500,000	3,522,000	3,278,000	2,700,000	-	13,000,000
Construction Supervision	WCI-01	255,000	280,000	200,000	200,000	-	935,000
Engineering Services	WCI-01	325,000	-	-	-	200,000	525,000
Total		4,080,000	3,802,000	3,478,000	2,900,000	200,000	14,460,000

Funding Sources		2024	2025	2026	2027	2028	Total
Capital Improvements (3420)	WCI-01	95,000	-	370,000	300,000	-	765,000
Water Capital Imp (4330)	WCI-01	1,932,500	3,702,000	3,008,000	2,550,000	200,000	11,392,500
San Sewer Capital Imp (4340)	WCI-01	100,000	100,000	100,000	50,000	-	350,000
TIF, Town Center II Capital Imp (3510)	WCI-01	1,952,500	-	-	-	-	1,952,500
Total		4,080,000	3,802,000	3,478,000	2,900,000	200,000	14,460,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	WCI-02
Project Name:	Elevated Water Storage Tank Maintenance

Department: Utility Division

Contact:

Project Status: Previously Identified

Type: Maintenance

Priority: Funded

Category: Water

Status: Active

Description

This project involves the re-coating of the elevated water tanks and standpipes throughout the Village. Also, some of the facilities may need repairs and modifications to ventilation systems to become compliant with current federal and state standards. The program operates in two phases: the first includes a thorough and complete independent inspection of the applicable facility and the preparation of contract documents (to be completed in the year prior to anticipated coating schedule) and the second incorporates the actual labor of re-coating the structure.

Justification

The structural integrity of these water facilities helps to preserve and maintain water quality, and therefore requires continual monitoring and maintenance. The scheduled facilities for 2026 and future years include:

2026 - Elevated Tank 6 - 560 Fairway Drive
 2029 - Elevated Tank (Well #1)-355 Center Street
 2030 - Elevated Tank 3 (Well #5)- 175 Old McHenry Road
 2031 - Standpipe 2 (CRS) - 750 South Wheeling Road
 2032 - Standpipe 1 (NRS) - 630 Northgate Parkway

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	WCI-02	-	-	550,000	-	-	550,000
Construction Supervision	WCI-02	-	-	50,000	-	-	50,000
Engineering Services	WCI-02	-	-	10,000	-	-	10,000
Total		-	-	610,000	-	-	610,000

Funding Sources		2024	2025	2026	2027	2028	Total
Water Capital Imp (4330)	WCI-02	-	-	610,000	-	-	610,000
Total		-	-	610,000	-	-	610,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	WCI-03	Department:	Utility Division
Project Name:	Water Facility Improvements	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Water
Status:	Active		

Description

This project funds miscellaneous improvements to the water facilities, including but not limited to: high service pump replacement or repairs, chlorine system replacement or repairs, altitude valve pit equipment improvements, electrical equipment improvements or repairs, piping replacement or repairs.

Justification

To further enhance the Village's assets, a detailed condition assessment was completed at the water facilities. A consultant provided recommendations for improvements at each station. These improvements will ensure that the facilities are operating at maximum efficiency, and prioritized in a manner that reflects their condition, productivity, and reasonable time for replacement.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	WCI-03	30,000	30,000	30,000	30,000	30,000	150,000
		30,000	30,000	30,000	30,000	30,000	150,000

Funding Sources		2024	2025	2026	2027	2028	Total
Water Capital Imp (4330)	WCI-03	30,000	30,000	30,000	30,000	30,000	150,000
		30,000	30,000	30,000	30,000	30,000	150,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	WCI-04
Project Name:	Underground Diesel Storage Tank Replacement

Department: Utility Division

Contact:

Project Status: Previously Identified

Type: Improvement

Priority: Funded

Category: Water

Status: Active

Description

This project funds the replacement of underground fuel storage tanks at various water stations that have exceeded their useful life.

Justification

The average life of an underground storage tank (UST) for diesel is approximately 20-25 years. The UST at South Station is over 28 years and not acceptable by State Fire Marshall requirements.

Facility Name	Address	Size(gal)	Installed	To be replaced
South Station	95 Old Willow Rd	800	1995	2024
Well #7 795	795 Longtree	500	2002	2027
Public Works	77 W. Hintz Road	12000	2008	2033
Public Works	77 W. Hintz Road	8000	2008	2033
N Receiving Resvr & Pumping St	Northgate Pkwy & Lake Cook Rd	1000	2022	2047

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	WCI-04	300,000	-	-	300,000	-	600,000
Total		300,000	-	-	300,000	-	600,000

Funding Sources		2024	2025	2026	2027	2028	Total
Water Capital Imp (4330)	WCI-04	300,000	-	-	300,000	-	600,000
Total		300,000	-	-	300,000	-	600,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	WCI-07	Department:	Utility Division
Project Name:	Water Meter Battery Replacement	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Equipment
Status:	Active		

Description

Sensus Omni water meters have a 10 year estimated battery lifespan. The Village meter system has reached the point to begin replacing meters that were installed 10 plus years ago. The replacement schedule is over a 3 year period as it mirrors the original installation schedule. Sensus Omni meters range in size from 1.5" to 6". The meter register or measuring chamber will be replaced in lieu of the entire meter body.

Justification

In order to maximize the revenue collected by the sale of water, it is necessary to keep all water meters in good working condition. It has become necessary to replace the register or measuring chamber on all 1.5" to 6" water meters. Fiscal year 2024 will complete the replacement program, until 2031.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction/Maintenance	WCI-07	55,000	-	-	-	-	55,000
Total		55,000	-	-	-	-	55,000

Funding Sources		2024	2025	2026	2027	2028	Total
Water Capital Imp (4330)	WCI-07	55,000	-	-	-	-	55,000
Total		55,000	-	-	-	-	55,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	SETIF-01	Department:	Economic Development Division
Project Name:	Milwaukee Avenue Corridor Improvements *	Contact:	
Project Status:	Previously Identified	Type:	Improvement
Priority:	Funded	Category:	Streets
Status:	Active		

Description	<p>The Village of Wheeling is studying Milwaukee Avenue with a consultant team on a project called the Restaurant Row Corridor Plan.</p>
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Justification	<p>This plan will be coming with a series of recommendations and implementation strategies to further enhance Wheeling's Restaurant Row. Since there are three active TIF Districts along Milwaukee Avenue, the Village of Wheeling is proposing to expend \$500,000 from the North Milwaukee Avenue, South Milwaukee Avenue, and the Southeast TIF Districts (\$500,000 each) to cover potential TIF eligible expenditures in FY23. This funding may also be allocated towards studies, drawings and other TIF eligible expenses in order to construct these corridor improvements.</p>
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Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction/Maintenance	SETIF-01	880,000	-	-	-	-	880,000
Total		880,000	-	-	-	-	880,000

Funding Sources		2024	2025	2026	2027	2028	Total
TIF, North Capital Imp (3910)	SETIF-01	500,000	-	-	-	-	500,000
TIF, Southeast Capital Imp (3610)	SETIF-01	380,000	-	-	-	-	380,000
Total		880,000	-	-	-	-	880,000

* Multiple Funding Sources

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	SETIF-06	Department:	Utility Division
Project Name:	Watermain Loop from River Mill to Sumac	Contact:	
Project Status:	Previously Identified	Type:	Improvement
Priority:	Funded	Category:	Water
Status:	Active		

Description

This project installs a loop water main from the River Mill residential development to Sumac Road.

Justification

Currently the Village’s water system is not connected between north and south sections of Milwaukee Avenue. Installing additional piping will allow for more consistent water flow and pressure as well as offer municipal water to properties not currently served by the Village.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	SETIF-06	1,620,000	-	-	-	-	1,620,000
Construction Supervision	SETIF-06	150,000	-	-	-	-	150,000
Total		1,770,000	-	-	-	-	1,770,000

Funding Sources		2024	2025	2026	2027	2028	Total
TIF, Southeast Capital Imp (3610)	SETIF-06	1,770,000	-	-	-	-	1,770,000
Total		1,770,000	-	-	-	-	1,770,000

Village of Wheeling
Capital Improvement Plan
 2024 thru 2028

Project #:	STSCI-05	Department:	Utility Division
Project Name:	Stream Bank Stabilization	Contact:	
Project Status:	Previously Identified	Type:	Maintenance
Priority:	Funded	Category:	Storm Sewer/Drainage
Status:	Active		

Description

This project involves a streambank erosion assessment that includes collecting field streambank erosion data, estimating sediment loads from streambank erosion, extrapolating streambank erosion sediment loads to the entire stream, estimating the potential for reducing anthropogenically accelerated streambank erosion and provide cost estimates to construct improvements.

Justification

A best management practice for streambank stabilization is to determine if sedimentation downstream is occurring and if so, correct it using industry proven erosion control measures. As part of the design process, the consultant will apply for grants to offset the construction cost of this work.

Expenditures	Project #	2024	2025	2026	2027	2028	Total
Construction	STSCI-05	1,000,000	1,000,000	-	-	-	2,000,000
Engineering Services	STSCI-05	75,000	75,000	-	-	-	150,000
Total		1,075,000	1,075,000	-	-	-	2,150,000

Funding Sources		2024	2025	2026	2027	2028	Total
TIF, Town Center Capital Out(3520)	STSCI-05	475,000	475,000		-	-	950,000
Town Center TIF (35)	STSCI-05	600,000	600,000		-	-	1,200,000
Total		1,075,000	1,075,000	-	-	-	2,150,000

* Multiple Funding Sources

RESOLUTION NO. 23- 175

RESOLUTION APPROVING THE CAPITAL IMPROVEMENT PLAN FOR THE FIVE-YEAR PERIOD OF FISCAL YEARS 2024 THROUGH 2028

WHEREAS, the Village has annually adopted a Capital Improvement Plan (CIP), which serves as the primary tool to plan for the major capital requirements, priorities, and projects of the Village over the next five-year period; and

WHEREAS, the Public Works Department prepared a draft CIP for the period of FY 2024 through FY 2028 which was presented to the President and Board of Trustees for consideration at the regular Village Board meeting on November 20, 2023; and

WHEREAS, projects in FY 2024 (the initial year) of the CIP are identified and selected in the CIP based on priorities and available funding levels in various funds and accounts as contained in the FY 2024 Wheeling Operating Budget; and

WHEREAS, the CIP for the subsequent four (4) years serves as a planning guideline for the community, the Village Board, and Village staff for planning purposes, and does not represent a commitment to a funding level for any specific project; and

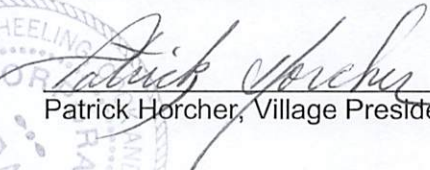
WHEREAS, each project for the subsequent four (4) years are subject to further annual review and revision;

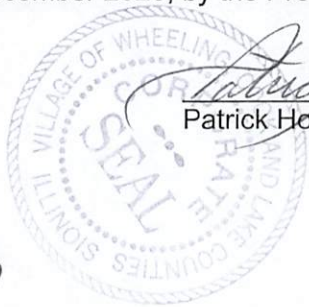
NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF WHEELING, COUNTIES OF COOK AND LAKE, STATE OF ILLINOIS, that the Capital Improvement Plan for FY 2024 through FY 2028 is hereby adopted, represents the Village of Wheeling's policy for investment in public capital projects, and serves as the preliminary guideline for the preparation of budget plans for the fiscal year beginning January 1, 2024, and subsequently for the 2024 fiscal year and beyond.

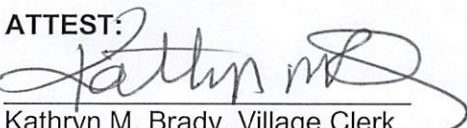
Trustee Papantou moved, second by Trustee Krueger that Resolution No. 23- 175 be adopted.

President Horcher	<u>Aye</u>		
Trustee Krueger	<u>Aye</u>	Trustee Ruffatto	<u>ABSENT</u>
Trustee Lang	<u>ABSENT</u>	Trustee Vito	<u>Aye</u>
Trustee Papantou	<u>Aye</u>	Trustee Vogel	<u>Aye</u>

ADOPTED this 18th day of December 2023, by the President and Board of Trustees of the Village of Wheeling, Illinois.


 Patrick Horcher, Village President



ATTEST:

 Kathryn M. Brady, Village Clerk