VILLAGE OF WHEELING ILLINOIS

Capital Improvement Plan

2017-2021

Village of Wheeling
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CAPITAL IMPROVEMENT PLAN

VILLAGE OF WHEELING, ILLINOIS

JANUARY 1, 2017 – DECEMBER 31, 2021

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TO: Jon Sfondilis, Village Manager

FROM: Mark Janeck, Director of Public Works

DATE: December 31, 2016

RE: Letter of Transmittal – 2017-2021 Capital Improvement Plan

With this Fiscal Year 2017 – 2021 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,

Mark Janeck
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 2017 – 2021 CAPITAL IMPROVEMENT PLAN OVERVIEW

The Fiscal Year (FY) 2017 – 2021 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 2017 FY Projects were presented in the Village's proposed 2017 FY Budget. Subsequently, the 2017 FY CIP Projects were approved when the Village's proposed 2017 FY Budget was approved at the Village Board's December 19, 2016 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

2017 thru 2021

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)								
Sidewalk & Concrete Program	*CP -10*	1	40,000	40,000	40,000	40,000	40,000	*200,000*
New Public Sidewalk Construction Program	*CP -15*	1	286,500	156,500	156,500	156,500	156,500	*912,500*
Wolf Road Reconstruction-Manchester to Milwaukee*	*CP -29*	1		237,000	553,000			*790,000*
Streetlight Replacement Program	*CP -41*	1	20,000	148,000	156,500	139,500	139,500	*603,500*
Dundee Road Lighting*	*CP -65*	1	373,760					*373,760*
Wolf Road Bridge Repair	*CP -66*	1	57,000					*57,000*
Sidewalk Grinding Program	*CP -70*	1	20,000	20,000	20,000	20,000	20,000	*100,000*
Lake Cook Road Improvements*	*CP -71*	1	335,000	250,000				*585,000*
Street Improvement Program*	*MFT-01*	1	800,000	1,300,000	1,400,000	1,400,000	1,300,000	*6,200,000*
Engineering Salaries and Benefits*	*Salaries*	1	216,012	216,012	216,012	216,012	216,012	*1,080,060*
Watermain Replacement Program*	*WRR-01*	1	335,000		155,000		315,000	*805,000*
Capital Infrastructure (3410) Total			2,483,272	2,367,512	2,697,012	1,972,012	2,187,012	*11,706,820*
Capital Non-Infrastructure (3420)								
Bonds*	*Bonds*	1	713,400	713,400	713,400	713,400	713,400	*3,567,000*
HVAC Unit Replacement Program	*CP(N)-07*	1	40,000	40,000	40,000	40,000	0	*160,000*
Parkway Tree Planting Program	*CP(N)-11*	1	35,000	35,000	45,000	50,000	50,000	*215,000*
Entrance Signs	*CP(N)-28*	1	150,000					*150,000*
Roof Replacement-Police Resource Center	*CP(N)-50*	5		45,000				*45,000*
Hot-Mix Asphalt Pavement Sealing - Municipal Lots	*CP(N)-55*	1	130,000				135,000	*265,000*
Crack Sealing Program	*CP(N)-57*	1	40,000	40,000	40,000	40,000	40,000	*200,000*
Paver Brick Maintenance	*CP(N)-58*	1		25,000		25,000		*50,000*
Pavement Assessment	*CP(N)-61*	1	30,000	30,000	30,000	30,000	30,000	*150,000*
Fiber Optic Cable Installation	*CP(N)-62*	1	150,000					*150,000*
Tornado Warning Sirens	*CP(N)-71*	1	20,000					*20,000*
Asphalt Surface Treatment Program	*CP(N)-72*	1	300,000	150,000	150,000	150,000	150,000	*900,000*
Fox Point Mobile Home Park	*CP(N)-73*	1	3,000,000					*3,000,000*
Combined Area Fire Training Classroom Building	*CP(N)-74*	2	150,000					*150,000*
Neighborhood Identification Signs	*CP(N)-75*	1	53,500	53,500				*107,000*
Weeping Willow Basin Micro Park	*CP(N)-76*	1	15,000					*15,000*
Valley Stream Drive Seating Area and Path	*CP(N)-77*	1	38,000					*38,000*
Community Room	*CP(N)-78*	1	1,670,000					*1,670,000*
Capital Non-Infrastructure (3420) Total			6,534,900	1,131,900	1,018,400	1,048,400	1,118,400	*10,852,000*
Grant (Reimbursement)								
Fox Point Mobile Home Park	*CP(N)-73*	1	-3,000,000					*-3,000,000*
Grant (Reimbursement) Total			-3,000,000					*-3,000,000*
Motor Fuel Tax (MFT) (11)								
Street Improvement Program*	*MFT-01*	1	900,000	900,000	900,000	900,000	900,000	*4,500,000*

** Multiple Funding Sources*

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
MFT General Maintenance	*MFT-02*	1	214,700	300,750	300,750	300,750	300,750	*1,417,700*
Motor Fuel Tax (MFT) (11) Total			1,114,700	1,200,750	1,200,750	1,200,750	1,200,750	*5,917,700*
Sewer Capital Fund (4320)								
Drainage Improvements - North Wheeling Road*	*STS-03*	1				27,500		*27,500*
Drainage Improvements - South Wheeling Road*	*STS-04*	1	8,250					*8,250*
SSES Investigation	*SWR-16*	1	75,000	75,000	75,000	75,000	75,000	*375,000*
Sewer Capital Fund (4320) Total			83,250	75,000	75,000	102,500	75,000	*410,750*
Sewer Systems R & R Fund (4340)								
Sanitary Sewer Lining Program	*SRR-01*	1		160,000		230,000		*390,000*
Pump Replacement Program	*SRR-06*	1	15,000	15,000	15,000	15,000	15,000	*75,000*
Manhole Lining & Rehabilitation	*SRR-14*	1	220,000		220,000		220,000	*660,000*
Sewer Root Control Program	*SRR-17*	1	75,000	75,000	75,000			*225,000*
Watermain Replacement Program*	*WRR-01*	1	100,000		100,000		100,000	*300,000*
Sewer Systems R & R Fund (4340) Total			410,000	250,000	410,000	245,000	335,000	*1,650,000*
Storm Sewer Fund (4510)								
Stormwater Operating Cost Fund Transfer	*FundTransfer*	1	171,500	192,938	212,231	233,454	256,800	*1,066,923*
Drainage Improvements - East Dunhurst	*STS-01*	1					630,000	*630,000*
Drainage Improvements - North Wheeling Road*	*STS-03*	1			104,250	867,154		*971,404*
Drainage Improvements - South Wheeling Road*	*STS-04*	1	584,500					*584,500*
Buffalo Creek Regulatory Floodplain Re-Mapping	*STS-09*	1	20,000					*20,000*
Storm Sewer Fund (4510) Total			776,000	192,938	316,481	1,100,608	886,800	*3,272,827*
TIF, Crossroads (3100)								
Dundee Road Lighting*	*CP -65*	1	46,200					*46,200*
Façade & Bld Improvement Grant Program*	*TIF(35)-18*	1	50,000	50,000	50,000			*150,000*
TIF, Crossroads (3100) Total			96,200	50,000	50,000			*196,200*
TIF, North (3900)								
Wolf Road Reconstruction-Manchester to Milwaukee*	*CP -29*	1		48,000	112,000			*160,000*
Façade & Bld Improvement Grant Program*	*TIF(35)-18*	1	50,000	50,000	50,000	50,000	50,000	*250,000*
Diversionary Channel Bridge and Roadway	*TIF(39)-17*	1	1,000,000					*1,000,000*
Milwaukee Avenue Uplighting	*TIF(39)-18*	1	100,000					*100,000*
TIF, North (3900) Total			1,150,000	98,000	162,000	50,000	50,000	*1,510,000*
TIF, Southeast II (3600)								
Façade & Bld Improvement Grant Program*	*TIF(35)-18*	1	50,000	50,000	50,000	50,000	50,000	*250,000*
Water and Sewer Improvement at Industrial Lane	*TIF(36)-04*	1	50,000	522,000				*572,000*
TIF, Southeast II (3600) Total			100,000	572,000	50,000	50,000	50,000	*822,000*
TIF, Town Center II (3500)								
Wolf Road Reconstruction-Manchester to Milwaukee*	*CP -29*	1		15,000	35,000			*50,000*
Dundee Road Lighting*	*CP -65*	1	194,040					*194,040*

** Multiple Funding Sources*

Source	Project #	Priority	2017	2018	2019	2020	2021	Total
Basin at St. Joseph the Worker Church	*TIF(35)-10*	1	50,000	800,000				*850,000*
Northgate Parkway / Dundee Road Signal Upgrade	*TIF(35)-11*	1	30,000	175,000				*205,000*
Dundee Rd and Northgate Pkwy Int. Study	*TIF(35)-12*	1	50,000					*50,000*
Façade & Bld Improvement Grant Program*	*TIF(35)-18*	1	50,000	50,000	50,000	50,000	50,000	*250,000*
Town Center Development Storm Sewer Project	*TIF(35)-19*	1	700,000					*700,000*
TIF, Town Center II (3500) Total			1,074,040	1,040,000	85,000	50,000	50,000	*2,299,040*
Water Capital Fund (4310)								
Bonds*	*Bonds*	1	105,868	97,000	87,700	83,200	78,550	*452,318*
Lake Cook Road Improvements*	*CP -71*	1	140,000	140,000				*280,000*
Drainage Improvements - North Wheeling Road*	*STS-03*	1				43,500		*43,500*
Drainage Improvements - South Wheeling Road*	*STS-04*	1	17,250					*17,250*
Emergency Interconnect	*WTR-14*	1	45,000	150,000	45,000	250,000		*490,000*
Generators at Well Houses	*WTR-15*	1	275,000		400,000			*675,000*
Water Capital Fund (4310) Total			583,118	387,000	532,700	376,700	78,550	*1,958,068*
Water Systems R & R Fund (4330)								
Engineering Salaries and Benefits*	*Salaries*	1	61,893	61,893	61,893	61,893	61,893	*309,465*
Watermain Replacement Program*	*WRR-01*	1	2,245,000	70,000	1,057,000	80,000	2,450,000	*5,902,000*
Elevated Tank Re-coating & Repair Program	*WRR-02*	1				623,000	523,000	*1,146,000*
Well 7 Improvement	*WRR-05*	1		160,000				*160,000*
Water Systems R & R Fund (4330) Total			2,306,893	291,893	1,118,893	764,893	3,034,893	*7,517,465*
GRAND TOTAL			13,712,373	7,656,993	7,716,236	6,960,863	9,066,405	*45,112,870*

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Streets/Forestry

Contact

Project # **CP -10**

Project Name **Sidewalk & Concrete Program**

Type Improvement

Useful Life

Category Sidewalks

Project Status Previously Identified

Priority 1 Funded

Status Active

Description

Ongoing, annual contractual program to replace existing defective sidewalk squares, reduce potential of trip, fall injury claims and other miscellaneous concrete as necessary.
Also funds the regrading of parkways in areas where ponding of trapped water occurs on adjacent sidewalks. These areas are typically identified during the annual Sidewalk Removal and Replacement Program.

Justification

This program is in response to the Village's ongoing effort and responsibility to maintain its sidewalks in a safe condition while, at the same time, providing availability to Streets/Forestry Division personnel to perform other required and necessary duties.

Expenditures	2017	2018	2019	2020	2021	Total
Construction	39,500	39,500	39,500	39,500	39,500	197,500
Material Testing	500	500	500	500	500	2,500
Total	**40,000**	**40,000**	**40,000**	**40,000**	**40,000**	**200,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	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**

Budget Impact/Other

N/A

Budget Items	2017	2018	2019	2020	2021	Total
3410-5206 (Consulting)	500	500	500	500	500	2,500
3410-5507 (Sidewalk)	39,500	39,500	39,500	39,500	39,500	197,500
Total	**40,000**	**40,000**	**40,000**	**40,000**	**40,000**	**200,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Economic Development
Contact
Type Improvement
Useful Life
Category Sidewalks
Priority 1 Funded
Status Active

Project # **CP -15**
Project Name **New Public Sidewalk Construction Program**

Project Status Previously Identified

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 and 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. This is a 7 year plan that started in 2014.
See sheet CP-15A immediately following this page for proposed sidewalk improvement locations.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	14,000	14,000	14,000	14,000	14,000	70,000
Construction	270,000	140,000	140,000	140,000	140,000	830,000
Material Testing	2,500	2,500	2,500	2,500	2,500	12,500
Sidewalk Fund Contribution	0	0	0	0	0	0
Total	**286,500**	**156,500**	**156,500**	**156,500**	**156,500**	**912,500**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	286,500	156,500	156,500	156,500	156,500	912,500
Total	**286,500**	**156,500**	**156,500**	**156,500**	**156,500**	**912,500**

Budget Impact/Other

2017 Program includes a carry over from 2016.
2017 Sidewalk Program will include installation of sidewalks in conjunction with the Watermain Program in order to connect Meadowbrook West with Carpenter.

Budget Items	2017	2018	2019	2020	2021	Total
3410-5206 (Consulting)	2,500	2,500	2,500	2,500	2,500	12,500
3410-5507 (Sidewalk)	284,000	154,000	154,000	154,000	154,000	900,000
Total	**286,500**	**156,500**	**156,500**	**156,500**	**156,500**	**912,500**

** Multiple Funding Sources*

Village of Wheeling, Illinois
2017 - 2021
Project Description Worksheet No. CP-15A

STREET	SIDE	LOCATION	LENGTH	WIDTH	EASEMENT NEEDED
Wheeling	E	N of Palatine	250	5	Likely
Wheeling	E	N of Palatine	800	5	
Palatine	S	E of Wheeling	225	5	
Willow	N	at RR tracks	250	5	Likely (ComEd)
Wolf	W	N of Palatine	1,350	5	
Wolf	W	S of Palatine	950	5	
Milwaukee	W	S of Hintz	3,100	5	
Milwaukee	W	N of Hintz	1,100	5	
Hintz	N	W of Milwaukee	500	5	
Hintz	S	E of Wheeling	1,700	5	Likely (ComEd)
Carpenter	N	E of Glenn	300	5	
Carpenter	S	E of Glenn	300	5	
Wheeling	W	S of Dundee	1,000	5	Likely (ComEd)
McHenry	W	SE of 83	250	5	
~~Milwaukee~~	~~W~~	N of Wolf	~~130~~	~~5~~	
~~Wolf~~	~~N~~	W of Milwaukee	~~450~~	~~5~~	
Buffalo Grove	E	S of Aptakisic	1,750	8	
Buffalo Grove	E	N of Aptakisic	300	8	
Edward		connect east/west	20	5	
Vera		connect east/west	20	5	
Cedar Run		connect north to Lake Cook	20	5	
~~Northgate~~	~~W~~	~~Dundee to bridge~~	~~570~~	~~5~~	
~~Northgate~~	~~W~~	~~Water Tower Rd. to lake Cook~~	~~1,100~~	~~5~~	

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Engineering / CIP
Contact
Type Improvement
Useful Life
Category Streets
Priority 1 Funded
Status Active

Project # CP -29

Project Name **Wolf Road Reconstruction-Manchester to Milwaukee***

Project Status Previously Identified

Description

This project is subject to plan readiness, land acquisition, funding availability and an executed agreement with the Village accepting a jurisdictional transfer for this section of Wolf Rd. following construction. The general scope of work for this project consists of total reconstruction of Wolf Rd. to provide a 3-lane cross section comprised of 1-through lane in each direction and an 11-ft left turn lane. Through lanes will be 13-ft wide for shared use by experienced cyclists. Curb and gutter will be provided at the edges of pavement. An enclosed drainage system will be provided for the pavement drainage. A permanent traffic signal will be installed at Wolf Rd. and Strong Ave. Traffic signal modernization at Wolf Rd. and Dundee Rd. A 5-ft wide sidewalk will be constructed along the west side of the roadway within the project limits and along the east side of Wolf Rd. from the southern limit to Strong Ave. Street lighting will be installed along Wolf Rd. from Manchester Dr. to Milwaukee Ave. Intersection lighting will also be provided at Wolf Rd. and Dundee Rd.

Justification

30% to be paid upfront to IDOT the year of construction.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services		37,500	87,500			125,000
Construction		262,500	612,500			875,000
Total		300,000	700,000			1,000,000

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)		237,000	553,000			790,000
TIF, North (3900)		48,000	112,000			160,000
TIF, Town Center II (3500)		15,000	35,000			50,000
Total		300,000	700,000			1,000,000

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3410-5206 (Consulting)		29,625	69,125			98,750
3410-5506 (Steetscape)		207,375	483,875			691,250
3500-5206 (Consulting)		1,875	4,375			6,250
3500-5508 (Pavement)		13,125	30,625			43,750
3900-5206 (Consulting)		6,000	14,000			20,000
3900-5508 (Pavement)		42,000	98,000			140,000
Total		300,000	700,000			1,000,000

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **CP -41**

Project Name **Streetlight Replacement Program**

Project Status Previously Identified

Department Streets/Forestry

Contact

Type Improvement

Useful Life

Category Lighting

Priority 1 Funded

Status Active

Description

This multi-year program was started in 2006 and will be conducted on a yearly basis. Non-Village standard streetlights will further be brought into compliance. The old streetlight standard poles and fixtures will be replaced with aluminum streetlight standards similar to the ones used in the Northgate Parkway area.

Justification

The old and failing aluminum direct bury wiring will be replaced with copper wiring enclosed in a unit-duct raceway. Locations throughout the Village will be accomplished in accordance with an established priority program. The program will consist of replacing 11 to 16 older concrete light pole standards per year in the Village along with the wiring associated with these light poles.
Streetlights on Holbrook Dr. and Abbott Dr. are scheduled to be replaced in 2018.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	20,000	15,000	15,000	15,000	15,000	80,000
Construction		133,000	141,500	124,500	124,500	523,500
Total	**20,000**	**148,000**	**156,500**	**139,500**	**139,500**	**603,500**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	20,000	148,000	156,500	139,500	139,500	603,500
Total	**20,000**	**148,000**	**156,500**	**139,500**	**139,500**	**603,500**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3410-5206 (Consulting)	20,000	15,000	15,000	15,000	15,000	80,000
3410-5506 (Steetscape)		133,000	141,500	124,500	124,500	523,500
Total	**20,000**	**148,000**	**156,500**	**139,500**	**139,500**	**603,500**

** Multiple Funding Sources*

Capital Improvement Plan

Village of Wheeling

2017 *thru* 2021

Department Engineering / CIP
Contact
Type Improvement
Useful Life
Category Lighting
Priority 1 Funded
Status Active

Project # **CP -65**

Project Name **Dundee Road Lighting***

Project Status Previously Identified

Description

The proposed improvement consists of the installation of a continuous lighting system along Dundee Road from about 600 feet east of Cambridge Drive to Milwaukee Avenue. The lighting system would be designed to Illinois Department of Transportation and Illuminating Engineering Society (IES) standards. Intersection lighting with transition lighting as required by standards would be provided at the signalized intersections of Schoenbeck Road, Elmhurst Road, McHenry Road/Wheeling Road, Northgate Parkway and Wolf Road. The street lighting is anticipated to consist of LED luminaires with a mounting height of 35 feet. Light poles would be installed along both sides of the road with an approximate spacing of 175 feet.

Justification

The continuous lighting would significantly improve safety and operation of vehicular and pedestrian traffic along the route. The lighting system will enhance the aesthetics of the area during nighttime hours providing a more secure environment for area businesses and transit users.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	231,000					231,000
Construction	1,540,000					1,540,000
Grant	-1,232,000					-1,232,000
Right-of-Way/Easements	75,000					75,000
Total	**614,000**					**614,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	373,760					373,760
TIF, Crossroads (3100)	46,200					46,200
TIF, Town Center II (3500)	194,040					194,040
Total	**614,000**					**614,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3100-5506 (Steetscape)	46,200					46,200
3410-5223 (Design)	231,000					231,000
3410-5506 (Steetscape)	142,760					142,760
3500-5506 (Steetscape)	194,040					194,040
Total	**614,000**					**614,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP -66

Project Name **Wolf Road Bridge Repair**

Project Status Previously Identified

Department Streets/Forestry

Contact

Type Unassigned

Useful Life

Category Bridges

Priority 1 Funded

Status Active

Description

Constructed in 1994, the Wolf Rd. Bridge, roughly 1,000 feet north of Hintz Road carries pedestrians and the motoring public over Buffalo Creek. The bridge is 80'-0" wide with 5'-0" wide walks on each side and 14'-0" wide raised center median. The preformed expansion joint seals are in poor condition, and since the last inspection have begun to show signs of water infiltration at each abutment. The water infiltration is contributing to the corrosion of the girders and bearings. The preformed joint seals at the approach slabs are also in poor condition, it appears joint sealant has been placed to correct the deficiencies. Sidewalks and median concrete is in good condition, with cracking similar to that found at the deck. Bituminous sidewalk ramps have been placed at the north and south ends of the east sidewalk.

Justification

The overall structure of the bridge is in good condition, but in order to avoid more serious repairs, our consultant recommends performing the following items of work:
1)Remove preformed joint seals and replace with backer rod and silicone joint sealer at both abutment locations
2) Prepare and repaint surfaces of steel bearing plates, diaphragms and girders at the bearing locations
3) Wash the bridge with a lower pressure power washing to remove salt in accordance with Section 592 of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	50,000					50,000
Construction Supervision	7,000					7,000
Total	**57,000**					**57,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	57,000					57,000
Total	**57,000**					**57,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3410-5506 (Steetscape)	57,000					57,000
Total	**57,000**					**57,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP -70

Project Name **Sidewalk Grinding Program**

Project Status Previously Identified

Department Streets/Forestry

Contact

Type Improvement

Useful Life

Category Sidewalks

Priority 1 Funded

Status Active

Description

Ongoing, annual contractual program to grind existing defective sidewalk squares and reduce potential of trip and fall injury claims. The locations are reevaluated and adjusted on annual basis.

Justification

This program is in response to the Village's ongoing effort and responsibility to maintain its sidewalks in a safe condition. All higher priority 2 and 3 walks have been completed by grinding and the Sidewalk R&R program.

Expenditures	2017	2018	2019	2020	2021	Total
Construction	20,000	20,000	20,000	20,000	20,000	100,000
Total	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**100,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	20,000	20,000	20,000	20,000	20,000	100,000
Total	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**100,000**

Budget Impact/Other

N/A

Budget Items	2017	2018	2019	2020	2021	Total
3410-5507 (Sidewalk)	20,000	20,000	20,000	20,000	20,000	100,000
Total	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**	**100,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP -71

Project Name Lake Cook Road Improvements*

Project Status Previously Identified

Department Engineering / CIP

Contact

Type Improvement

Useful Life

Category Streets

Priority 1 Funded

Status Active

Description

The project includes the reconstruction of Lake Cook Road and the extension of Weiland Road. The project is anticipated to span over 2 years.
Contract #1 - Construction in 2017
-Reconstruction of Lake Cook Road east of the Weiland Road intersection.
-Weiland Road Extension new alignment.
-Weiland Road Extension - Reconstruction of Lake Cook Road and IL Route 83 intersections with Weiland Road.
-Weiland Road Extension - Construction/reconstruction of Buffalo Grove Road with the Weiland Road/St Mary's Parkway intersection.

Contract #2 - Construction in 2018
-Reconstruction of Lake Cook Road west of Weiland Road.
-Reconstruction of the intersection of IL Route 83 and Buffalo Grove Road with Lake Cook Road.
The proposed improvement will also include installation of a continuous lighting system and noise wall along Lake Cook Road.

Justification

The first installement will be billed upon award of the contract by the County.
Costs include lighting, pre-emption, sound wall & staining, utility relocation, median landscape and lighting, design engineering.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	395,000	1,180,000				1,575,000
Engineering Services	80,000					80,000
Grant		-790,000				-790,000
Total	**475,000**	**390,000**				**865,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	335,000	250,000				585,000
Water Capital Fund (4310)	140,000	140,000				280,000
Total	**475,000**	**390,000**				**865,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3410-5206 (Consulting)	80,000					80,000
3410-5506 (Steetscape)	255,000	250,000				505,000
4310-5503 (Water Imp)	140,000	140,000				280,000
Total	**475,000**	**390,000**				**865,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Engineering / CIP

Contact

Project # **Salaries**

Project Name **Engineering Salaries and Benefits***

Type Unassigned

Useful Life

Category Other

Project Status Previously Identified

Priority 1 Funded

Status Active

Description

Supplied by Finance Department.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Other	277,905	277,905	277,905	277,905	277,905	1,389,525
Total	277,905	277,905	277,905	277,905	277,905	1,389,525

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	216,012	216,012	216,012	216,012	216,012	1,080,060
Water Systems R & R Fund (4330)	61,893	61,893	61,893	61,893	61,893	309,465
Total	277,905	277,905	277,905	277,905	277,905	1,389,525

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3410-5101 (Longevity)	815	815	815	815	815	4,075
3410-5104 (Salaries)	154,325	154,325	154,325	154,325	154,325	771,625
3410-5108 (Employer Cont)	30,718	30,718	30,718	30,718	30,718	153,590
3410-5212 (Health Ins)	30,154	30,154	30,154	30,154	30,154	150,770
4330-5101 (Longevity)	370	370	370	370	370	1,850
4330-5104 (Salaries)	43,527	43,527	43,527	43,527	43,527	217,635
4330-5108 (Employer Cont)	8,713	8,713	8,713	8,713	8,713	43,565
4330-5212 (Health Ins)	9,283	9,283	9,283	9,283	9,283	46,415
Total	277,905	277,905	277,905	277,905	277,905	1,389,525

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Finance
Contact Michael Mondschain
Type Unassigned
Useful Life
Category Other
Priority 1 Funded
Status Active

Project # **Bonds**
Project Name **Bonds***

Project Status Previously Identified

Description

This project reflects debt service expenses related to the following:

1. Principal and interest payments on the Village's Series 2011 General Obligation Bonds which, in order to take advantage of lower interest rates and realize present value savings, refunded all of the Series 2003A and Series 2003B bonds, and most of the Series 2004A bonds. The original bonds were issued to pay for water and sewer system improvements (Series 2003A), a TIF project (Series 2003B) and the cost of purchasing and improving a public works building on Hintz Road (Series 2004A). The costs reflected here are related to the payments on the water and sewer system bonds and the public works building bonds only.

2. Principal and interest payments on the Village's Series 2007 General Obligation Bonds which were issued to pay for a portion of the costs related to a new village hall building, new public works building, new fire station and renovated police station.

The Village's Capital Projects Fund financial policy states that up to 25% of the annual revenue to the Capital Projects Fund may be used to pay for debt service expenses. This year's Bond program is consistent with that policy.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Other	819,268	810,400	801,100	796,600	791,950	4,019,318
Total	**819,268**	**810,400**	**801,100**	**796,600**	**791,950**	**4,019,318**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	713,400	713,400	713,400	713,400	713,400	3,567,000
Water Capital Fund (4310)	105,868	97,000	87,700	83,200	78,550	452,318
Total	**819,268**	**810,400**	**801,100**	**796,600**	**791,950**	**4,019,318**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5822	713,400	713,400	713,400	713,400	713,400	3,567,000
4310-5624	105,868	97,000	87,700	83,200	78,550	452,318
Total	**819,268**	**810,400**	**801,100**	**796,600**	**791,950**	**4,019,318**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Building Services

Contact

Project # CP(N)-07

Project Name HVAC Unit Replacement Program

Type Maintenance

Useful Life

Category Buildings/Land

Project Status Previously Identified

Priority 1 Funded

Status Active

Description

Funding to replace existing HVAC units which have exceeded their estimated useful lives and are incurring excessively high maintenance and repair costs. Locations where units are scheduled for replacement in current year will be determined by the Public Works Building Services Division. Units schedule for future years will be replaced at other Village buildings on a case by case basis depending on the age and condition of the unit.

Justification

NO. OF UNITS AND LOCATION OF EXISTING UNITS

25 Police Department HQ
3 199 1st Street - Senior Center
1 1000 Lee Str. - Husky Park, Lift Station
5 2 Community Blvd. - Village Hall
2 400 Town Street - Train Station
8 499 S. Milwaukee Ave. - Fire Station #24
7 561 W Dundee - Collins
1 630 Northgate Pkwy - North Station
24 77 W. Hintz Road - Public Works
7 780 S. Wheeling Rd. - Fire Station #23
1 795 Longtree - Reservoir #2 Well House
6 95 Willow Rd. - South Station Standpipe
1 99-101 N. Wolf Road - Food Pantry
91 TOTAL

Notes:
On an average, HVAC last from 10 to 15 years. The cost of a single HVAC varies from $1,500 to $50,000. This replacement schedule will accelerate as the buildings and equipment age.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	40,000	40,000	40,000	40,000	0	160,000
Total	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**160,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	40,000	40,000	40,000	40,000	0	160,000
Total	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**160,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5408 (Building Eq)	40,000	40,000	40,000	40,000	0	160,000
Total	**40,000**	**40,000**	**40,000**	**40,000**	**0**	**160,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **CP(N)-11**

Project Name **Parkway Tree Planting Program**

Project Status Previously Identified

Department Streets/Forestry

Contact

Type Unassigned

Useful Life

Category Streets

Priority 1 Funded

Status Active

Description

Ongoing, annual program to replace dead/diseased and previously removed parkway trees. Also provides for the planting of trees along various parkways throughout the Village where none presently exist to enhance aesthetic appearance.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	35,000	35,000	45,000	50,000	50,000	215,000
Total	**35,000**	**35,000**	**45,000**	**50,000**	**50,000**	**215,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	35,000	35,000	45,000	50,000	50,000	215,000
Total	**35,000**	**35,000**	**45,000**	**50,000**	**50,000**	**215,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5506 (Steetscape)	35,000	35,000	45,000	50,000	50,000	215,000
Total	**35,000**	**35,000**	**45,000**	**50,000**	**50,000**	**215,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-28

Project Name **Entrance Signs**

Project Status New

Department Streets/Forestry

Contact

Type Maintenance

Useful Life

Category Other

Priority 1 Funded

Status Active

Description

There are 12 Village Entrance signs that are showing various levels of deterioration, with over half being at a point of un-repairable.

Justification

This projects funds removal and replacement of old carved out Welcome to Wheeling signs.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	150,000					150,000
Total	**150,000**					**150,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	150,000					150,000
Total	**150,000**					**150,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5506 (Steetscape)	150,000					150,000
Total	**150,000**					**150,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Building Services

Contact

Project # **CP(N)-50**

Project Name **Roof Replacement-Police Resource Center**

Type Unassigned

Useful Life

Category Buildings/Land

Project Status Previously Identified

Priority 5 Future Consideration

Status Active

Description

This project funds the replacement of the roof at the 99-101 Wolf Road Police Resource Center/Food Pantry.

Justification

These buildings are over fifty years old and have been in need of significant roof repair. Fortunately, to date in-house Public Works' Building Division Personnel have been able to make repairs whereby avoiding the expense of a complete roof replacement. The site has been inspected by the Village's contracted roof consultant who recommended complete replacement. The process will include removal of insulation as well as the current modified membrane and gravel roof. All sheet metal, gutters, down spouts, wall caps and flashing will be replaced as needed. In 2002, the Village purchased and renovated the building at the subject address and converted the space into a Police Station Satellite Office. In 2011 the Rotary Club of Wheeling leased a portion of the Property for the purpose of operating a food pantry for Wheeling residents and residents of the Wheeling School Districts.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		45,000				45,000
Total		45,000				45,000

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)		45,000				45,000
Total		45,000				45,000

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5509 (Building Imp)		45,000				45,000
Total		45,000				45,000

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-55

Project Name **Hot-Mix Asphalt Pavement Sealing - Municipal Lots**

Project Status Previously Identified

Department Building Services

Contact

Type Maintenance

Useful Life

Category Buildings/Land

Priority 1 Funded

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 pavement sealers are regularly applied to Hot-Mix asphalt pavements they extend the life of the pavements and delay costly 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.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	130,000				135,000	265,000
Total	**130,000**				**135,000**	**265,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	130,000				135,000	265,000
Total	**130,000**				**135,000**	**265,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5508 (Pavement)	130,000				135,000	265,000
Total	**130,000**				**135,000**	**265,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-57

Project Name **Crack Sealing Program**

Project Status Previously Identified

Department Streets/Forestry

Contact

Type Maintenance

Useful Life

Category Streets

Priority 1 Funded

Status Active

Description

The Crack Sealing Program is an on-going project accomplished on an annual basis where the Village seals cracks and joints of pavements to extend the life of pavements. The locations are reevaluated and adjusted on annual basis.

Justification

Sealing of cracks and joints in pavements has been proven to be beneficial in extending the life of pavements, whether pavements are Bituminous Asphalt or Portland Cement Concrete.

Expenditures	2017	2018	2019	2020	2021	Total
Construction	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	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	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**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5508 (Pavement)	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**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **CP(N)-58**

Project Name **Paver Brick Maintenance**

Project Status Previously Identified

Department Streets/Forestry

Contact

Type Maintenance

Useful Life

Category Streets

Priority 1 Funded

Status Active

Description

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 Building, and the Clock Tower.

Justification

This maintenance program involves the resetting of approximately 5,000 square feet of brick pavers, removal and replacement of approximately 100 square feet of damaged brick pavers, adding approximately 6,500 pounds of new joint sand and finally the cleaning and sealing of over 46,000 square feet of brick pavers.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		25,000		25,000		50,000
Total		**25,000**		**25,000**		**50,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)		25,000		25,000		50,000
Total		**25,000**		**25,000**		**50,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5506 (Steetscape)		25,000		25,000		50,000
Total		**25,000**		**25,000**		**50,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-61

Project Name **Pavement Assessment**

Project Status Previously Identified

Department Engineering / CIP

Contact

Type Maintenance

Useful Life

Category Streets

Priority 1 Funded

Status Active

Description

Update the pavement evaluation data in Streetsaver and update the budget analysis and report. Core Services include: Field Work, Pavement Condition Inspection, Load Streetsaver Database and Calculate PCI, Budget Analysis, Report.

Justification

1/3 of the roadway system is evaluated on annual basis.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	30,000	30,000	30,000	30,000	30,000	150,000
Total	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**150,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	30,000	30,000	30,000	30,000	30,000	150,000
Total	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**150,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5299 (Misc Contr)	30,000	30,000	30,000	30,000	30,000	150,000
Total	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**150,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department IT

Contact

Type Unassigned

Useful Life

Category Equipment

Priority 1 Funded

Status Active

Project # **CP(N)-62**

Project Name **Fiber Optic Cable Installation**

Project Status Previously Identified

Description

This project funds installation of fiber optic cable between Village Hall and Public Works.

Justification

Fiber optic will be installed in conjunction with the 2017 Watermain Replacement Program.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	150,000					150,000
Total	**150,000**					**150,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	150,000					150,000
Total	**150,000**					**150,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5509 (Building Imp)	150,000					150,000
Total	**150,000**					**150,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-71

Project Name **Tornado Warning Sirens**

Project Status Previously Identified

Department Fire Department

Contact Keith MacIsaac

Type Maintenance

Useful Life 5

Category Equipment

Priority 1 Funded

Status Active

Description

Replacement of tornado warning siren backup batteries and upgrade of operating software system in Police Department Communications Center.

Justification

Uninterrupted power supply (UPS) batteries for the tornado sirens have a 5 to 6 year life. The current tornado sirens with uninterrupted power supplies were installed in 2012. In addition, the tornado sirens are activated by a computer interface to a stand-alone radio transmitter located in the Police Department Communications Center. As computer operating systems are updated, the interface software must also be updated.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	20,000					20,000
Total	**20,000**					**20,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	20,000					20,000
Total	**20,000**					**20,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5411 (Special Equip)	20,000					20,000
Total	**20,000**					**20,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Engineering / CIP

Contact

Project # **CP(N)-72**

Project Name **Asphalt Surface Treatment Program**

Type Maintenance

Useful Life

Category Streets

Project Status Previously Identified

Priority 1 Funded

Status Active

Description

The Asphalt Surface Treatment Program is an on-going project accomplished on an annual basis where the Village seals pavement to extend the life. The locations are reevaluated and adjusted on annual basis.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction	300,000	150,000	150,000	150,000	150,000	900,000
Total	**300,000**	**150,000**	**150,000**	**150,000**	**150,000**	**900,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	300,000	150,000	150,000	150,000	150,000	900,000
Total	**300,000**	**150,000**	**150,000**	**150,000**	**150,000**	**900,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5508 (Pavement)	300,000	150,000	150,000	150,000	150,000	900,000
Total	**300,000**	**150,000**	**150,000**	**150,000**	**150,000**	**900,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Community Development

Contact

Type Unassigned

Useful Life

Category Buildings/Land

Priority 1 Funded

Status Active

Project # **CP(N)-73**

Project Name **Fox Point Mobile Home Park**

Project Status New

Description

Purchase, wind-down, and clearing of the Fox Point Mobile Home Park, and the relocation of the residents living therein. Community Development Block Grant Disaster Recovery Program is the funding source for the project.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Other	3,000,000					3,000,000
Grant	-3,000,000					-3,000,000
Total	**0**					**0**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	3,000,000					3,000,000
Grant (Reimbursement)	-3,000,000					-3,000,000
Total	**0**					**0**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5299 (Misc Contr)	3,000,000					3,000,000
Grant (Reimbursement)	-3,000,000					-3,000,000
Total	**0**					**0**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Fire Department
Contact Keith MacIsaac
Type Improvement
Useful Life 50
Category Buildings/Land
Priority 2 Very Important
Status Active

Project # **CP(N)-74**

Project Name **Combined Area Fire Training Classroom Building**

Project Status New

Description

Due to animal damage and general wear/tear of the structure, the Combined Area Fire Training (CAFT) classroom building was demolished in 2016. Going forward, temporary alternate arrangements are being made to utilize various off-site facilities for temporary classroom purposes. Eventually, we will need to construct a more permanent classroom building on the CAFT site in order to maximize CAFT's benefits to the member fire departments.

Justification

Wheeling's potential liability would be one-fourth (1/4) of the total cost of construction or $142,650.00 to $263,253.00.

Expenditures	2017	2018	2019	2020	2021	Total
Construction	150,000					150,000
Total	**150,000**					**150,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	150,000					150,000
Total	**150,000**					**150,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5509 (Building Imp)	150,000					150,000
Total	**150,000**					**150,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-75

Project Name Neighborhood Identification Signs

Project Status New

Department Community Development
Contact Andrew Jennings
Type Improvement
Useful Life
Category Other
Priority 1 Funded
Status Active

Description

The current program would include forty (40) post and hanging panel signs spread across seven (7) distinct identifiable neighborhoods. The preliminary recommendation of the Plan Commission is to design the sign panel to complement the new design for the Village entrance sign (once available).

Justification

Neighborhood identification signage is a priority of the Strategic Plan.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	50,000	50,000				100,000
Engineering Services	2,500	2,500				5,000
Legal	1,000	1,000				2,000
Total	**53,500**	**53,500**				**107,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	53,500	53,500				107,000
Total	**53,500**	**53,500**				**107,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5223 (Design)	3,500	3,500				7,000
3420-5506 (Steetscape)	50,000	50,000				100,000
Total	**53,500**	**53,500**				**107,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Community Development
Contact Andrew Jennings

Project # **CP(N)-76**
Project Name **Weeping Willow Basin Micro Park**

Type Improvement
Useful Life
Category Park Improvements

Project Status New

Priority 1 Funded
Status Active

Description

A small seating area with low maintenance perennial landscaping is proposed on the north side of Weeping Willow Drive just east of 884 Weeping Willow. The project would consist of a bench on a concrete pad immediately north of the sidewalk, and facing north toward the basin. The design should provide adequate space for the maintenance of the basin parcel.

Justification

Neighborhood gathering places have been identified as a priority in the Strategic Plan. This micro park would serve as a pilot for potential gathering places in other neighborhoods. The location has been reviewed by both the Village Board and Plan Commission. Staff has conducted a preliminary field investigation to verify that adequate ROW exists.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	12,000					12,000
Engineering Services	2,000					2,000
Legal	1,000					1,000
Total	**15,000**					**15,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	15,000					15,000
Total	**15,000**					**15,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5223 (Design)	3,000					3,000
3420-5506 (Steetscape)	12,000					12,000
Total	**15,000**					**15,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-77

Project Name **Valley Stream Drive Seating Area and Path**

Project Status New

Department Community Development

Contact Andrew Jennings

Type Improvement

Useful Life

Category Park Improvements

Priority 1 Funded

Status Active

Description

A crushed stone path would meander from the existing sidewalk on one end of the property to the other. The proposed improvements include roughly 400 linear feet of 5' wide path, three benches, and a single garbage can near the sidewalk at the east end of the property.

Justification

Neighborhood gathering places have been identified as a priority in the Strategic Plan. This seating area and path would serve as a pilot for potential gathering places on larger parcel in other neighborhoods. The location has been reviewed by both the Village Board and Plan Commission. The certificate of title for the parcel in question is anticipated to be awarded to the Village by the end of FY 2016.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	32,000					32,000
Engineering Services	5,000					5,000
Legal	1,000					1,000
Total	**38,000**					**38,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	38,000					38,000
Total	**38,000**					**38,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5223 (Design)	6,000					6,000
3420-5506 (Steetscape)	32,000					32,000
Total	**38,000**					**38,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # CP(N)-78

Project Name **Community Room**

Project Status New

Department Community Development

Contact

Type Improvement

Useful Life 50

Category Buildings/Land

Priority 1 Funded

Status Active

Description

The Community Room addition to the existing Village Hall will allow different generations of community members to gather in a new welcoming place. The Community Room is intended to seat 100-120 people, shall include a warming kitchen and single use restrooms.
The space utilized will be the existing West exterior courtyard and a portion of the existing maintenance area.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	1,670,000					1,670,000
Total	**1,670,000**					**1,670,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Non-Infrastructure (3420)	1,670,000					1,670,000
Total	**1,670,000**					**1,670,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3420-5509 (Building Imp)	1,670,000					1,670,000
Total	**1,670,000**					**1,670,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Engineering / CIP

Contact

Type Unassigned

Useful Life

Category Streets

Priority 1 Funded

Status Active

Project # **MFT-01**

Project Name **Street Improvement Program***

Project Status Previously Identified

Description

Funding for the ongoing, annual Village-wide Street Improvement Program provides for the resurfacing or, when 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 have recommended the scheduling of various cost-effective repairs to existing pavements to maintain an acceptable roadway condition rating of 85. Completion of the scheduled repairs will prevent accelerated deterioration and more costly reconstruction.

(Roadway improvements will be in conjunction with the Watermain Replacement Program. For funding and project information please see Project Sheet WRR-01).

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	200,000	200,000	200,000	200,000	200,000	1,000,000
Construction	1,470,000	1,970,000	2,070,000	2,070,000	1,970,000	9,550,000
Material Testing	30,000	30,000	30,000	30,000	30,000	150,000
Total	1,700,000	2,200,000	2,300,000	2,300,000	2,200,000	10,700,000

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	800,000	1,300,000	1,400,000	1,400,000	1,300,000	6,200,000
Motor Fuel Tax (MFT) (11)	900,000	900,000	900,000	900,000	900,000	4,500,000
Total	1,700,000	2,200,000	2,300,000	2,300,000	2,200,000	10,700,000

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
11-5508 (Pavement)	900,000	900,000	900,000	900,000	900,000	4,500,000
3410-5206 (Consulting)	30,000	30,000	30,000	30,000	30,000	150,000
3410-5223 (Design)	200,000	200,000	200,000	200,000	200,000	1,000,000
3410-5508 (Pavement)	570,000	1,070,000	1,170,000	1,170,000	1,070,000	5,050,000
Total	1,700,000	2,200,000	2,300,000	2,300,000	2,200,000	10,700,000

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Streets/Forestry
Contact
Type Unassigned
Useful Life
Category Streets
Priority 1 Funded
Status Active

Project # MFT-02
Project Name MFT General Maintenance

Project Status Previously Identified

Description

Due to the current fiscal condition, the following items will be funded from the MFT: Street light energy, street light equipment maintenance, traffic signal maintenance, pavement marking, road salt for snow & ice control, bridge inspection & repair, and liquid calcium chloride to augment snow/ice control.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Street Light Energy	56,700	57,750	57,750	57,750	57,750	287,700
Street Light Equipment Maint.	20,000	20,000	20,000	20,000	20,000	100,000
Traffic Signal Maint.	25,000	25,000	25,000	25,000	25,000	125,000
Pavement Markings	35,000	35,000	35,000	35,000	35,000	175,000
Road Salt	40,000	125,000	125,000	125,000	125,000	540,000
Bridge Inspection	5,000	5,000	5,000	5,000	5,000	25,000
Bridge Repair	5,000	5,000	5,000	5,000	5,000	25,000
Street Signs	12,000	12,000	12,000	12,000	12,000	60,000
Liquid Calcium Chloride	8,000	8,000	8,000	8,000	8,000	40,000
Salt Brine	8,000	8,000	8,000	8,000	8,000	40,000
Total	214,700	300,750	300,750	300,750	300,750	1,417,700

Funding Sources	2017	2018	2019	2020	2021	Total
Motor Fuel Tax (MFT) (11)	214,700	300,750	300,750	300,750	300,750	1,417,700
Total	214,700	300,750	300,750	300,750	300,750	1,417,700

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
11-5206 (Consulting)	5,000	5,000	5,000	5,000	5,000	25,000
11-5209 (Energy)	56,700	57,750	57,750	57,750	57,750	287,700
11-5247 (Pvmt Markings)	35,000	35,000	35,000	35,000	35,000	175,000
11-5251 (Streetlight Maint)	45,000	45,000	45,000	45,000	45,000	225,000
11-5299 (Misc Contr)	5,000	5,000	5,000	5,000	5,000	25,000
11-5303 (Chemicals)	56,000	141,000	141,000	141,000	141,000	620,000
11-5320 (Signs)	12,000	12,000	12,000	12,000	12,000	60,000

** Multiple Funding Sources*

Total	**214,700**	**300,750**	**300,750**	**300,750**	**300,750**	**1,417,700**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Utility
Contact
Type Maintenance
Useful Life
Category Sanitary Sewer
Priority 1 Funded
Status Active

Project # **SRR-01**

Project Name **Sanitary Sewer Lining Program**

Project Status Previously Identified

Description

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

Justification

PROPOSED SCHEDULE:

YEAR	FOOTAGE	LOCATION
2018	4,518	West Meadowbrook
2020	6,250	6th St., Glendale, West Strong

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		160,000		230,000		390,000
Total		**160,000**		**230,000**		**390,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Sewer Systems R & R Fund (4340)		160,000		230,000		390,000
Total		**160,000**		**230,000**		**390,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4340-5502 (Sanitary Imp)		160,000		230,000		390,000
Total		**160,000**		**230,000**		**390,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **SRR-06**

Project Name **Pump Replacement Program**

Project Status Previously Identified

Department Utility

Contact

Type Maintenance

Useful Life

Category Sanitary Sewer

Priority 1 Funded

Status Active

Description

The purpose of this program is to replace aged lift station pumps and generators. Due to the extreme environmental conditions under which these lift-station pumps operate, it is very difficult to predict their longevity and reliability; also, the cost to repair and maintain these old and outdated pumps and generators exceeds the cost to replace them. This work shall include the complete removal and replacement or repair of existing pumps and/or generators and appurtenances and proper disposal. New pump replacements will include all necessary owner and operator's manuals for the new pump or generator along with the necessary training to operate and maintain these new pumps and generators.

Justification

CURRENT INVENTORY:

QTY	LOCATION & PUMP INFORMATION
2	Arlington Club (20 HP, 480 Volts, 3 Phase, 200 Amp, 27.2 Full load amps)
2	Dundee Road (5 HP, 240 Volts, 3 Phase, 100 Amp)
2	Fletcher (3 HP, 230 Volts, 3 Phase, 60 Amp)
3	Heritage (15 HP, 230 Volts, 3 Phase, 200 Amp)
1	Husky Park (10 HP, 230/460 Volts, 3 Phase, 65/32.5 Amps)
1	Husky Park (5 HP, 230/460 Volts, 3 Phase, 65/32.5 Amps)
2	Lee Street (3 HP, 240 Volts, 1 Phase, 100 Amp)
2	Equestrian (3 HP, 240 Volts, 1 Phase, 40 Amp)
4	Edgewood/Milwaukee (1.5 HP, 230 Volts, 1 Phase, 100 Amp)
2	Northgate (3 HP, 230 Volts)

On an average, a lift station pump will run for 5-7 years. The cost of a single pump varies from $4,400 to $10,500.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	15,000	15,000	15,000	15,000	15,000	75,000
Total	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**75,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Sewer Systems R & R Fund (4340)	15,000	15,000	15,000	15,000	15,000	75,000
Total	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**75,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4340-5502 (Sanitary Imp)	15,000	15,000	15,000	15,000	15,000	75,000
Total	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**75,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Utility

Contact

Project # **SRR-14**

Project Name **Manhole Lining & Rehabilitation**

Type Maintenance

Useful Life

Category Sanitary Sewer

Project Status Previously Identified

Priority 1 Funded

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, grout corbel, seal and adjust frames.

Justification

Manholes were by far the largest contributor of (I/I) Inflow &infiltration, in the sewer system. To comply with the new MWRD Control Program, efforts must be made to reduce I/I in the sewer system.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	200,000		200,000		200,000	600,000
Construction Supervision	20,000		20,000		20,000	60,000
Total	**220,000**		**220,000**		**220,000**	**660,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Sewer Systems R & R Fund (4340)	220,000		220,000		220,000	660,000
Total	**220,000**		**220,000**		**220,000**	**660,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4340-5502 (Sanitary Imp)	220,000		220,000		220,000	660,000
Total	**220,000**		**220,000**		**220,000**	**660,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Utility
Contact
Type Unassigned
Useful Life
Category Sanitary Sewer
Priority 1 Funded
Status Active

Project # **SRR-17**
Project Name **Sewer Root Control Program**

Project Status New

Description

Proactive maintenance program that entails applying a chemical-laden thick foam to the sanitary sewer pipes. A hose releases and sprays the foam in all directions, allowing it to adhere to roots and penetrate through Wye connections to kill roots within main sewer pipe and private lateral connections. (up to 15 feet) The foam compresses against the wall of the pipe surfaces and penetrates cracks, joints and connecting sewers. The program will minimize maintenance costs, pipe damage and disruption.

Justification

2017 - Hollywood Ridge, Dunhurst West
2018 - Dunhurst East and South, Strong Avenue area
2019 - Meadow, Old Town

One of the most important benefits of the Root Control Program is the fact that the root killing foam travels up to 15 feet into the sewer service laterals. A traditional sewer lining program repairs the sewer main but does not address laterals. The point where the lateral connects (taps) into the sewer main is a major source of root penetration and inflow & infiltration. The MWRD recommends development of a this program. This program satisfies a portion of the MWRD requirement.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	75,000	75,000	75,000			225,000
Total	**75,000**	**75,000**	**75,000**			**225,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Sewer Systems R & R Fund (4340)	75,000	75,000	75,000			225,000
Total	**75,000**	**75,000**	**75,000**			**225,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4340-5502 (Sanitary Imp)	75,000	75,000	75,000			225,000
Total	**75,000**	**75,000**	**75,000**			**225,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # SWR-16

Project Name SSES Investigation

Project Status Previously Identified

Department Utility

Contact

Type Maintenance

Useful Life

Category Sanitary Sewer

Priority 1 Funded

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, utilizing video cameras and other detection tools, is used to develop condition assessments of the sewer lines to determine when repair, rehabilitation or replacement is required.

Justification

Services include smoke testing, dye testing, sewer televising review, manhole inspections, property inspections, etc. to comply with MWRD requirements for Inflow and Infiltration.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	75,000	75,000	75,000	75,000	75,000	375,000
Total	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**	**375,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Sewer Capital Fund (4320)	75,000	75,000	75,000	75,000	75,000	375,000
Total	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**	**375,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4320-5502 (Sanitary Imp)	75,000	75,000	75,000	75,000	75,000	375,000
Total	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**	**375,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # FundTransfer

Project Name Stormwater Operating Cost Fund Transfer

Project Status New

Department Finance

Contact Michael Mondschain

Type Unassigned

Useful Life

Category Other

Priority 1 Funded

Status Active

Description

Transfer to Water and Sewer Fund for Stormwater Operating Costs

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	171,500	192,938	212,231	233,454	256,800	1,066,923
Total	**171,500**	**192,938**	**212,231**	**233,454**	**256,800**	**1,066,923**

Funding Sources	2017	2018	2019	2020	2021	Total
Storm Sewer Fund (4510)	171,500	192,938	212,231	233,454	256,800	1,066,923
Total	**171,500**	**192,938**	**212,231**	**233,454**	**256,800**	**1,066,923**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4510 (Storm)	171,500	192,938	212,231	233,454	256,800	1,066,923
Total	**171,500**	**192,938**	**212,231**	**233,454**	**256,800**	**1,066,923**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # STS-01

Project Name **Drainage Improvements - East Dunhurst**

Project Status New

Department Engineering / CIP

Contact

Type Improvement

Useful Life

Category Storm Sewer/Drainage

Priority 1 Funded

Status Active

Description

Acquire 1 residential parcel to provide overland flow route to drain depressional flood area during large storms.

Justification

A depressional area along Wayne Place and Bridget Place results in residential and street flooding.

Expenditures	2017	2018	2019	2020	2021	Total
Land Acquisition					480,000	480,000
Engineering Services					150,000	150,000
Total					**630,000**	**630,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Storm Sewer Fund (4510)					630,000	630,000
Total					**630,000**	**630,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4510-5223 (Design)					150,000	150,000
4510-5420 (Land Acquisition)					480,000	480,000
Total					**630,000**	**630,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Engineering / CIP

Contact

Project # STS-03

Project Name **Drainage Improvements - North Wheeling Road***

Type Improvement

Useful Life

Category Storm Sewer/Drainage

Project Status New

Priority 1 Funded

Status Active

Description

Raise Wheeling Road 2 feet from current low spot to prevent tail water flooding from Buffalo Creek.

Justification

Wheeling Road overtops frequently north of Mercantile Ct during storm events when Buffalo Creek is high.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				868,654		868,654
Engineering Services			104,250			104,250
Construction Supervision				69,500		69,500
Total			104,250	938,154		1,042,404

Funding Sources	2017	2018	2019	2020	2021	Total
Sewer Capital Fund (4320)				27,500		27,500
Storm Sewer Fund (4510)			104,250	867,154		971,404
Water Capital Fund (4310)				43,500		43,500
Total			104,250	938,154		1,042,404

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4310-5503 (Water Imp)				43,500		43,500
4320-5502 (Sanitary Imp)				27,500		27,500
4510-5223 (Design)			104,250	69,500		173,750
4510-5504 (Storm)				797,654		797,654
Total			104,250	938,154		1,042,404

** Multiple Funding Sources*

Project # STS-04

Project Name **Drainage Improvements - South Wheeling Road***

Project Status New

Department Engineering / CIP

Contact

Type Improvement

Useful Life

Category Storm Sewer/Drainage

Priority 1 Funded

Status Active

Description

Provide relief sewer with backwater prevention that drains to Echo Lake to prevent water ponding on Wheeling Road.

Justification

A depressional flood area exists on Wheeling Road south of Exchange Court.

Expenditures	2017	2018	2019	2020	2021	Total
Land Acquisition	10,000					10,000
Construction/Maintenance	550,000					550,000
Construction Supervision	50,000					50,000
Total	**610,000**					**610,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Sewer Capital Fund (4320)	8,250					8,250
Storm Sewer Fund (4510)	584,500					584,500
Water Capital Fund (4310)	17,250					17,250
Total	**610,000**					**610,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4310-5503 (Water Imp)	17,250					17,250
4320-5502 (Sanitary Imp)	8,250					8,250
4510-5223 (Design)	50,000					50,000
4510-5420 (Land Acquisition)	10,000					10,000
4510-5504 (Storm)	524,500					524,500
Total	**610,000**					**610,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **STS-09**

Project Name **Buffalo Creek Regulatory Floodplain Re-Mapping**

Project Status New

Department Engineering / CIP

Contact

Type Improvement

Useful Life

Category Storm Sewer/Drainage

Priority 1 Funded

Status Active

Description

Re-Mapping of the Buffalo Creek floodplain using MWRD modeling a more detailed method to amend the floodplain limits. The re-mapping of the area will remove the structures from the FEMA floodplain and residents will not be required to pay premium rates for flood insurance.

Justification

Wheeling Road overtops frequently north of Mercantile Ct during storm events when Buffalo Creek is high.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	20,000					20,000
Total	**20,000**					**20,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Storm Sewer Fund (4510)	20,000					20,000
Total	**20,000**					**20,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4510-5206 (Consulting)	20,000					20,000
Total	**20,000**					**20,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **WRR-01**

Project Name **Watermain Replacement Program***

Project Status Previously Identified

Department Utility
Contact
Type Improvement
Useful Life
Category Water
Priority 1 Funded
Status Active

Description

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. 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. Repair procedures are no longer cost effective. Design and construction costs are included.

Justification

Year	Approximate Length (feet)	Location
2017	5,800	Carpenter, Shepard, Glenn (Street resurfacing, sidewalk and fiber optic as a part of the watermain program)
2019	2,800	Foster Avenue (Street resurfacing as a part of the watermain program)
2021	5,100	Gilman, Willis, Alice, Noel (Street resurfacing as a part of the watermain program)

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	55,000	70,000	22,000	80,000	45,000	272,000
Construction	2,620,000		1,285,000		2,815,000	6,720,000
Material Testing	5,000		5,000		5,000	15,000
Total	**2,680,000**	**70,000**	**1,312,000**	**80,000**	**2,865,000**	**7,007,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	335,000		155,000		315,000	805,000
Sewer Systems R & R Fund (4340)	100,000		100,000		100,000	300,000
Water Systems R & R Fund (4330)	2,245,000	70,000	1,057,000	80,000	2,450,000	5,902,000
Total	**2,680,000**	**70,000**	**1,312,000**	**80,000**	**2,865,000**	**7,007,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3410-5508 (Pavement)	335,000		155,000		315,000	805,000
4330-5206 (Consulting)	60,000	70,000	27,000	80,000	50,000	287,000
4330-5503 (Water Imp)	2,185,000		1,030,000		2,400,000	5,615,000
4340-5502 (Sanitary Imp)	100,000		100,000		100,000	300,000
Total	**2,680,000**	**70,000**	**1,312,000**	**80,000**	**2,865,000**	**7,007,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **WRR-02**

Project Name **Elevated Tank Re-coating & Repair Program**

Project Status Previously Identified

Department Utility

Contact

Type Maintenance

Useful Life

Category Water

Priority 1 Funded

Status Active

Description

Repairs and re-coating of the elevated water tanks and standpipes throughout the Village. The structural integrity of these facilities helps to preserve and maintain water quality, and therefore requires continual monitoring and maintenance at the highest possible standard. Also, some of the facilities may need repairs and modifications to venting systems to become compliant with current Federal and State standards.

The program will operate in two phases. The first phase 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 the anticipated coating schedule). The second phase incorporates the actual labor of re-coating the structure.

Justification

See sheet WRR-02A immediately following this page for the anticipated schedule for Tower and Standpipe Recoating.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				585,000	485,000	1,070,000
Engineering Services				8,000	8,000	16,000
Construction Supervision				30,000	30,000	60,000
Total				**623,000**	**523,000**	**1,146,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Water Systems R & R Fund (4330)				623,000	523,000	1,146,000
Total				**623,000**	**523,000**	**1,146,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4330-5206 (Consulting)				38,000	38,000	76,000
4330-5503 (Water Imp)				585,000	485,000	1,070,000
Total				**623,000**	**523,000**	**1,146,000**

** Multiple Funding Sources*

Village of Wheeling, Illinois
2017 - 2021
Project Description Worksheet No. WRR-02A

DESCRIPTION	TANK TYPE	APPROXIMATE CAPACITY (GALLONS)	ADDRESS	INITIAL CONSTRUCTION YEAR	RECOATING & RELATED YEAR	RECOATING YEAR (15+2 YEAR CYCLE)	ENGINEER'S ESTIMATE OF RECOATING COST
Standpipe 2 (CRS)	Standpipe	2,500,000	750 S. Wheeling Rd.	1984	2014 - OC	2031	$ 735,000.00
Standpipe 1 (NRS)	Standpipe	2,500,000	630 Northgate Prkwy	1984	2015 - OC	2032	$ 735,000.00
Elevated Tank 5	Hydropillar	1,000,000	720 North Wolf Rd.	1983	2001 - FB	2020 - OC	$ 585,000.00
Elevated Tank 6	Hydropillar	500,000	560 Fairway Drive	1983	1996 - OC	2021 - FB	$ 485,000.00
Standpipe 3 (SRC)	Standpipe	3,000,000	95 Willow Rd.	1991	2007 - FB	2023	$ 845,001.00
Elevated Tank 1 (Well #1)	Spheroid	300,000	355 Center Street	1965	2012 - FB	2029	$ 630,310.00
Elevated Tank 3 (Well #5)	Elevated Tank	500,000	175 Old Mchenry Rd.	1964	2013 - OC	2030	$ 450,000.00
Reservoir 2 (Well #7)	Underground Reservoir	1,000,000	765 Longtree Drive	1981	N/A	N/A	N/A

Note 1: These contracts were administered directly by either the Finance Department or Public Works Department/Engineering Div.
No copies of the contract documents are on file in the Water Division Files.

FB - Full Blast
~~OC - Over Coat~~

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Utility

Contact

Type Equipment

Useful Life

Category Equipment

Priority 1 Funded

Status Active

Project # **WRR-05**

Project Name **Well 7 Improvement**

Project Status New

Description

Upgrade Motor Starter Cabinet and main disconnect for Well # 7.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction		160,000				160,000
Total		160,000				160,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Systems R & R Fund (4330)		160,000				160,000
Total		160,000				160,000

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4330-5503 (Water Imp)		160,000				160,000
Total		160,000				160,000

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Utility
Contact

Project # **WTR-14**
Project Name **Emergency Interconnect**

Type Improvement
Useful Life
Category Water
Priority 1 Funded
Status Active

Project Status Previously Identified

Description

Establish interconnections with adjacent utilities. A total of three (3) interconnections are suggested to create redundancy within the Village's water system. The first interconnection can be made with the Illinois American Water Company (IAWC) on their eight (8) inch line that feeds the Hunt Club and Plum Creek residents. This project would be a shared cost with the IAWC. Other interconnections are recommended with the Villages of Arlington Heights and Buffalo Grove.

Justification

These interconnections would provide alternate water in case of a catastrophic failure to the NWWC feed, electrical grid, or other.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	40,000		40,000			80,000
Construction		150,000		250,000		400,000
Legal	5,000		5,000			10,000
Total	**45,000**	**150,000**	**45,000**	**250,000**		**490,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Water Capital Fund (4310)	45,000	150,000	45,000	250,000		490,000
Total	**45,000**	**150,000**	**45,000**	**250,000**		**490,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4310-5206 (Consulting)	45,000		45,000			90,000
4310-5503 (Water Imp)		150,000		250,000		400,000
Total	**45,000**	**150,000**	**45,000**	**250,000**		**490,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **WTR-15**

Project Name **Generators at Well Houses**

Project Status Previously Identified

Department Utility

Contact

Type Equipment

Useful Life

Category Equipment

Priority 1 Funded

Status Active

Description

Replacement of the existing outdated generator at Well # 7 with a new generator that is capable of running all four (4) of the high service pumps at the facility. The existing generator is outdated and beyond its serviceable life, repair parts have been difficult to locate due to the age of the generator. Additionally, the existing generator was not designed to run the high service pumps at the facility. Well # 7 is critical in providing pressure to the west side of town, it is imperative that we have power to run the pumps at all times. It is also recommended to install a generator at the Well # 5 location. Currently there is no generator at this site, a generator should be installed that is powerful enough to run the Villages emergency backup well at this location. The proposed generator would allow the Village to supply limited water to the municipality in the event of a power outage or supply problems affecting the NWWC.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction	275,000		400,000			675,000
Total	**275,000**		**400,000**			**675,000**

Funding Sources	2017	2018	2019	2020	2021	Total
Water Capital Fund (4310)	275,000		400,000			675,000
Total	**275,000**		**400,000**			**675,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
4310-5503 (Water Imp)	275,000		400,000			675,000
Total	**275,000**		**400,000**			**675,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Engineering / CIP

Contact

Type Improvement

Useful Life

Category Storm Sewer/Drainage

Priority 1 Funded

Status Active

Project # **TIF(35)-10**

Project Name **Basin at St. Joseph the Worker Church**

Project Status Previously Identified

Description

This project funds the design and construction of a detention basin in accordance with the detention/compensatory storage easement agreement between St. Joseph the Worker Church and the Village.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		800,000				800,000
Engineering Services	50,000					50,000
Total	**50,000**	**800,000**				**850,000**

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, Town Center II (3500)	50,000	800,000				850,000
Total	**50,000**	**800,000**				**850,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3500-5206 (Consulting)	50,000					50,000
3500-5513 (Waterway Imp)		800,000				800,000
Total	**50,000**	**800,000**				**850,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Community Development
Contact Andrew Jennings
Type Improvement
Useful Life
Category Signals
Priority 1 Funded
Status Active

Project # **TIF(35)-11**

Project Name **Northgate Parkway / Dundee Road Signal Upgrade**

Project Status Previously Identified

Description

Staff intends to contract with a consultant for the design, permitting, and implementation of minor improvements to the Dundee Road intersection. The improvements would include restriping of the lanes near the intersection for improved flow of vehicles, and a corresponding signal upgrade. A more significant project would likely follow in the coming years, once a study of long term solutions has been completed.

Justification

The traffic congestion at the intersection of Northgate Parkway and Dundee Road has been well documented. Staff has had preliminary discussions with IDOT, Canadian National, and the ICC regarding the function of the intersection. While the Village intends to contract with a consultant for a study of more significant long term solutions for the intersection, IDOT has indicated that minor upgrades (such as signal head modifications and striping) can be completed through normal permit review.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		175,000				175,000
Engineering Services	30,000					30,000
Total	**30,000**	**175,000**				**205,000**

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, Town Center II (3500)	30,000	175,000				205,000
Total	**30,000**	**175,000**				**205,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3500-5206 (Consulting)	30,000					30,000
3500-5506 (Steetscape)		175,000				175,000
Total	**30,000**	**175,000**				**205,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # TIF(35)-12

Project Name Dundee Rd and Northgate Pkwy Int. Study

Project Status Previously Identified

Department Community Development

Contact Andrew Jennings

Type Improvement

Useful Life

Category Signals

Priority 1 Funded

Status Active

Description

The purpose of the study is to complete a thorough review of the function of the intersection and prepare recommendations for long term solutions to improve traffic flow through the town center area.

Justification

IDOT plans to complete a signal timing study once the Dundee Road intersection improvements at Wheeling/McHenry, Community Blvd, and Elmhurst Road are complete. With the existing congestion at the intersection, and the planned developments in the immediate vicinity, the Village must hire a consultant to complete a thorough a study of the function of the intersection and prepare recommendations for long term solutions to improve traffic flow through the town center area. The costs associated with the potential improvements are anticipated to be significant, and are not reflected in the expenditure schedule. Depending on the nature of the improvements, the Village will most likely pursue grant funding to complete the construction.

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	50,000					50,000
Total	**50,000**					**50,000**

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, Town Center II (3500)	50,000					50,000
Total	**50,000**					**50,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3500-5206 (Consulting)	50,000					50,000
Total	**50,000**					**50,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # TIF(35)-18

Project Name **Façade & Bld Improvement Grant Program***

Project Status Previously Identified

Department Economic Development

Contact

Type Improvement

Useful Life

Category Buildings/Land

Priority 1 Funded

Status Active

Description

TIF District Façade and Building Improvement Grant Program is to provide financial assistance for the design and construction of façade improvements which are in keeping with the Village Comprehensive Plan. The program is also intended to provide financial assistance for capital improvement projects completed in conjunction with a façade improvement project.

Justification

This program is a public/private partnership designed to provide incentives and assistance to encourage building improvements that preserve the character of the Village and that help create a human scale and pedestrian-friendly atmosphere within the Village as well as address factors that qualified the District as a "conservation area."

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	200,000	200,000	200,000	150,000	150,000	900,000
Total	**200,000**	**200,000**	**200,000**	**150,000**	**150,000**	**900,000**

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, Crossroads (3100)	50,000	50,000	50,000			150,000
TIF, North (3900)	50,000	50,000	50,000	50,000	50,000	250,000
TIF, Southeast II (3600)	50,000	50,000	50,000	50,000	50,000	250,000
TIF, Town Center II (3500)	50,000	50,000	50,000	50,000	50,000	250,000
Total	**200,000**	**200,000**	**200,000**	**150,000**	**150,000**	**900,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3100-5506 (Steetscape)	50,000	50,000	50,000			150,000
3500-5506 (Steetscape)	50,000	50,000	50,000	50,000	50,000	250,000
3600-5506 (Steetscape)	50,000	50,000	50,000	50,000	50,000	250,000
3900-5506 (Steetscape)	50,000	50,000	50,000	50,000	50,000	250,000
Total	**200,000**	**200,000**	**200,000**	**150,000**	**150,000**	**900,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Department Community Development
Contact Andrew Jennings
Type Improvement
Useful Life
Category Storm Sewer/Drainage
Priority 1 Funded
Status Active

Project # TIF(35)-19

Project Name **Town Center Development Storm Sewer Project**

Project Status New

Description

Town Center Development Storm Sewer Project

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	700,000					700,000
Total	700,000					700,000

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, Town Center II (3500)	700,000					700,000
Total	700,000					700,000

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3500-5504 (Storm)	700,000					700,000
Total	700,000					700,000

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # TIF(36)-04

Project Name **Water and Sewer Improvement at Industrial Lane**

Project Status Previously Identified

Department Community Development

Contact

Type Improvement

Useful Life

Category Water

Priority 1 Funded

Status Active

Description

This project consists of installing new water and sanitary pipe down Industrial Drive. The sanitary pipe will connect at the end of the street past Plant Road and connect to the CEA line, approximately 2,000 LF.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Engineering Services	50,000	22,000				72,000
Construction		500,000				500,000
Total	**50,000**	**522,000**				**572,000**

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, Southeast II (3600)	50,000	522,000				572,000
Total	**50,000**	**522,000**				**572,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3600-5206 (Consulting)	50,000	22,000				72,000
3600-5502 (Sanitary Imp)		180,000				180,000
3600-5503 (Water Imp)		320,000				320,000
Total	**50,000**	**522,000**				**572,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **TIF(39)-17**

Project Name **Diversionary Channel Bridge and Roadway**

Project Status Previously Identified

Department Community Development

Contact

Type Improvement

Useful Life

Category Bridges

Priority 1 Funded

Status Active

Description

A vehicular bridge and roadway access to and from a bridge span to be located across the Wheeling Diversionary Channel. The roadway access design east of the bridge should originate from Milwaukee Avenue and use the existing easement through the RAM Restaurant property. The roadway access design west of the bridge should extent 100 linear feet beyond the bridge.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction	1,000,000					1,000,000
Total	**1,000,000**					**1,000,000**

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, North (3900)	1,000,000					1,000,000
Total	**1,000,000**					**1,000,000**

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3900-5506 (Steetscape)	1,000,000					1,000,000
Total	**1,000,000**					**1,000,000**

** Multiple Funding Sources*

Capital Improvement Plan

2017 *thru* 2021

Village of Wheeling

Project # **TIF(39)-18**

Project Name **Milwaukee Avenue Uplighting**

Project Status New

Department Streets/Forestry
Contact
Type Improvement
Useful Life
Category Lighting
Priority 1 Funded
Status Active

Description

This level funds installation of new electric wiring, uplights, and support posts for seasonal and nightly illumination of trees located within the Milwaukee Avenue landscape median. Currently, the north Milwaukee Avenue median has wiring and lighting that illuminates the entry sign and also allows for extension cord connections in order to apply holiday lighting to the existing trees within the median. Since this location is surrounded by some of the most important commercial real estate within the Village and is a destination for numerous visitors to Wheeling, Public Works proposes to enhance the streetscape by upgrading the existing wiring to allow for installation of uplights to sixteen (16) trees and weatherproof vertical outlets for holiday LED lights.

Justification

Existing below ground level junction boxes exist on-site however these do not work consistently and require an electrical contractor to hardwire electric access for extension cords necessary for the holiday light application. Additionally, the existing electrical wiring configuration does not allow for seasonal lights and the entry sign light to work concurrently. This proposal would include removal of deteriorating junction boxes, installing new vertical electric junction boxes for holiday light plug-in, new uplights for each tree, and separate electric panel breakers distinguishing holiday lights and the entry sign. The new configuration will allow the holidays lights to be on when the uplights are off, and vice versa.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	100,000					100,000
Total	100,000					100,000

Funding Sources	2017	2018	2019	2020	2021	Total
TIF, North (3900)	100,000					100,000
Total	100,000					100,000

Budget Impact/Other

Budget Items	2017	2018	2019	2020	2021	Total
3900-5506 (Steetscape)	100,000					100,000
Total	100,000					100,000

** Multiple Funding Sources*

PROJECT DESCRIPTIONS

Building Services

Metra Parking Lot Improvements

CP -68

The three parking lots at Metra Station are in need of repair.

Community Development

Traffic Signal-Milwaukee & Industrial Ln.

TIF(36)-05

Design and construction of a traffic signal to serve Sumac Road, Industrial Lane, and the east entrance of the Chicago Executive Airport.

Engineering / CIP

Drainage Improvements - South Dunhurst

STS-02

Construct new sewer system and flood storage at Mark Twain Elementary School to reduce flooding for the 100-year storm.

Drainage Improvements - Echo Lake and Ridgefield

STS-05

Reduce flooding for the 100-year storm by creating 20 acre-feet of flood storage by lowering the NWL in Polo Run Pond, the North and South Ridgefield Ponds, and excavate a new storage volume at the Sandpebble Apartments. Stablize pond banks in the North and South Ridgefield Ponds.

Drainage Improvements - Jeffery Ave & Manchester

STS-06

Proposed sewer system designed for the 10-year flood.

Drainage Improvements - Sunrise Drive

STS-07

Proposed relief sewer draining Sunrise depression.

Drainage Improvements - Arlington Club Lake

STS-08

Proposed curb and reinforced spillway from parking lot to prevent erosion during pond overtopping.

Palatine Road Sewer

SWR-20

Abandon an existing sanitary sewer which runs under Palatine Road, into the City of Prospect Heights, west of Wheeling Road and construct a new sanitary sewer to direct flow east, connecting to an MWRD Interceptor Sewer located within Wheeling Road.

Fire Department

Fire Station 23 Remodeling/Renovation

CP(N)-69

Renovation and modernization of Fire Station 23 (780 S. Wheeling Road). This project involves gutting the entire building, turning the interior layout of the building 90 degrees, and modernizing the building's interior structures including kitchen and bathrooms. Key areas requiring modernization are: electrical, plumbing, HVAC, emergency power generation, lighting, and general energy efficiency.

Construction of New Fire Station 42

CP(N)-70

Construction of 3rd fire station (Fire Station 42) in the Northwest Quadrant of the community.

Utility

Phase II - Buffalo Creek Streambank Stabilization

CP -55

Per Village Board direction, Staff obtained Federal Grant money and completed Phase I Buffalo Creek Bank Stabilization to improve water quality and mitigate further erosion of the streambanks, where in many cases excessive siltation has caused major stream impediment and meandering of the stream's channel. Staff found that a 60/40 (Max 60% Federal/State participation and 40% local contribution) grant from the EPA which provides funding under Section 319 (h) of the Clean Water Act is applicable. The Section 319 Grant Application for the Phase II Buffalo Creek Stabilization was submitted to the IEPA in 2009, but was not approved for funding. A Section 319 Grant would be necessary for the Village to fund design engineering, surveying, public information/permitting & legal services for Phase II of the Buffalo Creek Streambank Stabilization.

Phase III - Buffalo Creek Streambank Stabilization

CP -56

Per Village Board direction, Staff obtained Federal Grant money and completed Phase I Buffalo Creek Bank Stabilization to improve water quality and mitigate further erosion of the streambanks, where in many cases excessive siltation has caused major stream impediment and meandering of the stream's channel. Staff found that a 60/40 (Max 60% Federal/State participation and 40% local contribution) grant from the EPA which provides funding under Section 319 (h) of the Clean Water Act is applicable. The Section 319 Grant Application for the Phase II Buffalo Creek Stabilization was submitted to the IEPA in 2009, but was not approved for funding. A Section 319 Grant would be necessary for the Village to fund design engineering, surveying, public information/permitting & legal services for Phase III of the Buffalo Creek Streambank Stabilization.

Lead Service Line Replacement

WRR-06

The Village has approximately 103 private lead service lines remaining in the water system. This project would entail replacing the lead lines from the point of connection at the watermain to the foundation of the house.

Village of Wheeling

Capital Improvement Plan

2017 thru 2021

PROJECTS BY CATEGORY

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Bridges								
Wolf Road Bridge Repair	CP -66	1	57,000					*57,000*
Diversionary Channel Bridge and Roadway	TIF(39)-17	1	1,000,000					*1,000,000*
Bridges Total			1,057,000					*1,057,000*
Buildings/Land								
HVAC Unit Replacement Program	CP(N)-07	1	40,000	40,000	40,000	40,000	0	*160,000*
Roof Replacement-Police Resource Center	CP(N)-50	5		45,000				*45,000*
Hot-Mix Asphalt Pavement Sealing - Municipal Lots	CP(N)-55	1	130,000				135,000	*265,000*
Fox Point Mobile Home Park	CP(N)-73	1	0					*0*
Combined Area Fire Training Classroom Building	CP(N)-74	2	150,000					*150,000*
Community Room	CP(N)-78	1	1,670,000					*1,670,000*
Façade & Bld Improvement Grant Program*	TIF(35)-18	1	200,000	200,000	200,000	150,000	150,000	*900,000*
Buildings/Land Total			2,190,000	285,000	240,000	190,000	285,000	*3,190,000*
Equipment								
Fiber Optic Cable Installation	CP(N)-62	1	150,000					*150,000*
Tornado Warning Sirens	CP(N)-71	1	20,000					*20,000*
Well 7 Improvement	WRR-05	1		160,000				*160,000*
Generators at Well Houses	WTR-15	1	275,000		400,000			*675,000*
Equipment Total			445,000	160,000	400,000			*1,005,000*
Lighting								
Streetlight Replacement Program	CP -41	1	20,000	148,000	156,500	139,500	139,500	*603,500*
Dundee Road Lighting*	CP -65	1	614,000					*614,000*
Milwaukee Avenue Uplighting	TIF(39)-18	1	100,000					*100,000*
Lighting Total			734,000	148,000	156,500	139,500	139,500	*1,317,500*
Other								
Bonds*	Bonds	1	819,268	810,400	801,100	796,600	791,950	*4,019,318*
Entrance Signs	CP(N)-28	1	150,000					*150,000*
Neighborhood Identification Signs	CP(N)-75	1	53,500	53,500				*107,000*
Stormwater Operating Cost Fund Transfer	FundTransfer	1	171,500	192,938	212,231	233,454	256,800	*1,066,923*
Engineering Salaries and Benefits*	Salaries	1	277,905	277,905	277,905	277,905	277,905	*1,389,525*
Other Total			1,472,173	1,334,743	1,291,236	1,307,959	1,326,655	*6,732,766*
Park Improvements								
Weeping Willow Basin Micro Park	CP(N)-76	1	15,000					*15,000*
Valley Stream Drive Seating Area and Path	CP(N)-77	1	38,000					*38,000*
Park Improvements Total			53,000					*53,000*

** Multiple Funding Sources*

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Sanitary Sewer								
Sanitary Sewer Lining Program	SRR-01	1		160,000		230,000		*390,000*
Pump Replacement Program	SRR-06	1	15,000	15,000	15,000	15,000	15,000	*75,000*
Manhole Lining & Rehabilitation	SRR-14	1	220,000		220,000		220,000	*660,000*
Sewer Root Control Program	SRR-17	1	75,000	75,000	75,000			*225,000*
SSES Investigation	SWR-16	1	75,000	75,000	75,000	75,000	75,000	*375,000*
Sanitary Sewer Total			385,000	325,000	385,000	320,000	310,000	*1,725,000*
Sidewalks								
Sidewalk & Concrete Program	CP -10	1	40,000	40,000	40,000	40,000	40,000	*200,000*
New Public Sidewalk Construction Program	CP -15	1	286,500	156,500	156,500	156,500	156,500	*912,500*
Sidewalk Grinding Program	CP -70	1	20,000	20,000	20,000	20,000	20,000	*100,000*
Sidewalks Total			346,500	216,500	216,500	216,500	216,500	*1,212,500*
Signals								
Northgate Parkway / Dundee Road Signal Upgrade	TIF(35)-11	1	30,000	175,000				*205,000*
Dundee Rd and Northgate Pkwy Int. Study	TIF(35)-12	1	50,000					*50,000*
Signals Total			80,000	175,000				*255,000*
Storm Sewer/Drainage								
Drainage Improvements - East Dunhurst	STS-01	1					630,000	*630,000*
Drainage Improvements - North Wheeling Road*	STS-03	1			104,250	938,154		*1,042,404*
Drainage Improvements - South Wheeling Road*	STS-04	1	610,000					*610,000*
Buffalo Creek Regulatory Floodplain Re-Mapping	STS-09	1	20,000					*20,000*
Basin at St. Joseph the Worker Church	TIF(35)-10	1	50,000	800,000				*850,000*
Town Center Development Storm Sewer Project	TIF(35)-19	1	700,000					*700,000*
Storm Sewer/Drainage Total			1,380,000	800,000	104,250	938,154	630,000	*3,852,404*
Streets								
Wolf Road Reconstruction-Manchester to Milwaukee*	CP -29	1		300,000	700,000			*1,000,000*
Lake Cook Road Improvements*	CP -71	1	475,000	390,000				*865,000*
Parkway Tree Planting Program	CP(N)-11	1	35,000	35,000	45,000	50,000	50,000	*215,000*
Crack Sealing Program	CP(N)-57	1	40,000	40,000	40,000	40,000	40,000	*200,000*
Paver Brick Maintenance	CP(N)-58	1		25,000		25,000		*50,000*
Pavement Assessment	CP(N)-61	1	30,000	30,000	30,000	30,000	30,000	*150,000*
Asphalt Surface Treatment Program	CP(N)-72	1	300,000	150,000	150,000	150,000	150,000	*900,000*
Street Improvement Program*	MFT-01	1	1,700,000	2,200,000	2,300,000	2,300,000	2,200,000	*10,700,000*
MFT General Maintenance	MFT-02	1	214,700	300,750	300,750	300,750	300,750	*1,417,700*
Streets Total			2,794,700	3,470,750	3,565,750	2,895,750	2,770,750	*15,497,700*
Water								
Water and Sewer Improvement at Industrial Lane	TIF(36)-04	1	50,000	522,000				*572,000*
Watermain Replacement Program*	WRR-01	1	2,680,000	70,000	1,312,000	80,000	2,865,000	*7,007,000*
Elevated Tank Re-coating & Repair Program	WRR-02	1				623,000	523,000	*1,146,000*
Emergency Interconnect	WTR-14	1	45,000	150,000	45,000	250,000		*490,000*
Water Total			2,775,000	742,000	1,357,000	953,000	3,388,000	*9,215,000*
GRAND TOTAL			13,712,373	7,656,993	7,716,236	6,960,863	9,066,405	*45,112,870*

** Multiple Funding Sources*

PROJECTS & FUNDING SOURCES BY CATEGORY

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Bridges								
Wolf Road Bridge Repair	CP -66	1	57,000					*57,000*
Capital Infrastructure (3410)			*57,000*					*57,000*
Diversionary Channel Bridge and Roadway	TIF(39)-17	1	1,000,000					*1,000,000*
TIF, North (3900)			*1,000,000*					*1,000,000*
Bridges Total			1,057,000					*1,057,000*
Buildings/Land								
HVAC Unit Replacement Program	CP(N)-07	1	40,000	40,000	40,000	40,000	0	*160,000*
Capital Non-Infrastructure (3420)			*40,000*	*40,000*	*40,000*	*40,000*	*0*	*160,000*
Roof Replacement-Police Resource Center	CP(N)-50	5		45,000				*45,000*
Capital Non-Infrastructure (3420)				*45,000*				*45,000*
Hot-Mix Asphalt Pavement Sealing - Municipal Lots	CP(N)-55	1	130,000				135,000	*265,000*
Capital Non-Infrastructure (3420)			*130,000*				*135,000*	*265,000*
Fox Point Mobile Home Park	CP(N)-73	1	0					*0*
Capital Non-Infrastructure (3420)			*3,000,000*					*3,000,000*
Grant (Reimbursement)			*-3,000,000*					*-3,000,000*
Combined Area Fire Training Classroom Building	CP(N)-74	2	150,000					*150,000*
Capital Non-Infrastructure (3420)			*150,000*					*150,000*
Community Room	CP(N)-78	1	1,670,000					*1,670,000*
Capital Non-Infrastructure (3420)			*1,670,000*					*1,670,000*
Façade & Bld Improvement Grant Program*	TIF(35)-18	1	200,000	200,000	200,000	150,000	150,000	*900,000*
TIF, Crossroads (3100)			*50,000*	*50,000*	*50,000*			*150,000*
TIF, North (3900)			*50,000*	*50,000*	*50,000*	*50,000*	*50,000*	*250,000*
TIF, Southeast II (3600)			*50,000*	*50,000*	*50,000*	*50,000*	*50,000*	*250,000*
TIF, Town Center II (3500)			*50,000*	*50,000*	*50,000*	*50,000*	*50,000*	*250,000*
Buildings/Land Total			2,190,000	285,000	240,000	190,000	285,000	*3,190,000*
Equipment								
Fiber Optic Cable Installation	CP(N)-62	1	150,000					*150,000*
Capital Non-Infrastructure (3420)			*150,000*					*150,000*
Tornado Warning Sirens	CP(N)-71	1	20,000					*20,000*
Capital Non-Infrastructure (3420)			*20,000*					*20,000*
Well 7 Improvement	WRR-05	1		160,000				*160,000*
Water Systems R & R Fund (4330)				*160,000*				*160,000*
Generators at Well Houses	WTR-15	1	275,000		400,000			*675,000*
Water Capital Fund (4310)			*275,000*		*400,000*			*675,000*
Equipment Total			445,000	160,000	400,000			*1,005,000*
Lighting								
Streetlight Replacement Program	CP -41	1	20,000	148,000	156,500	139,500	139,500	*603,500*
Capital Infrastructure (3410)			*20,000*	*148,000*	*156,500*	*139,500*	*139,500*	*603,500*
Dundee Road Lighting*	CP -65	1	614,000					*614,000*
Capital Infrastructure (3410)			*373,760*					*373,760*

** Multiple Funding Sources*

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
TIF, Crossroads (3100)			*46,200*					*46,200*
TIF, Town Center II (3500)			*194,040*					*194,040*
Milwaukee Avenue Uplighting	TIF(39)-18	1	100,000					*100,000*
TIF, North (3900)			*100,000*					*100,000*
Lighting Total			734,000	148,000	156,500	139,500	139,500	*1,317,500*

Other

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Bonds*	Bonds	1	819,268	810,400	801,100	796,600	791,950	*4,019,318*
Capital Non-Infrastructure (3420)			*713,400*	*713,400*	*713,400*	*713,400*	*713,400*	*3,567,000*
Water Capital Fund (4310)			*105,868*	*97,000*	*87,700*	*83,200*	*78,550*	*452,318*
Entrance Signs	CP(N)-28	1	150,000					*150,000*
Capital Non-Infrastructure (3420)			*150,000*					*150,000*
Neighborhood Identification Signs	CP(N)-75	1	53,500	53,500				*107,000*
Capital Non-Infrastructure (3420)			*53,500*	*53,500*				*107,000*
Stormwater Operating Cost Fund Transfer	FundTransfer	1	171,500	192,938	212,231	233,454	256,800	*1,066,923*
Storm Sewer Fund (4510)			*171,500*	*192,938*	*212,231*	*233,454*	*256,800*	*1,066,923*
Engineering Salaries and Benefits*	Salaries	1	277,905	277,905	277,905	277,905	277,905	*1,389,525*
Capital Infrastructure (3410)			*216,012*	*216,012*	*216,012*	*216,012*	*216,012*	*1,080,060*
Water Systems R & R Fund (4330)			*61,893*	*61,893*	*61,893*	*61,893*	*61,893*	*309,465*
Other Total			1,472,173	1,334,743	1,291,236	1,307,959	1,326,655	*6,732,766*

Park Improvements

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Weeping Willow Basin Micro Park	CP(N)-76	1	15,000					*15,000*
Capital Non-Infrastructure (3420)			*15,000*					*15,000*
Valley Stream Drive Seating Area and Path	CP(N)-77	1	38,000					*38,000*
Capital Non-Infrastructure (3420)			*38,000*					*38,000*
Park Improvements Total			53,000					*53,000*

Sanitary Sewer

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Sanitary Sewer Lining Program	SRR-01	1		160,000		230,000		*390,000*
Sewer Systems R & R Fund (4340)				*160,000*		*230,000*		*390,000*
Pump Replacement Program	SRR-06	1	15,000	15,000	15,000	15,000	15,000	*75,000*
Sewer Systems R & R Fund (4340)			*15,000*	*15,000*	*15,000*	*15,000*	*15,000*	*75,000*
Manhole Lining & Rehabilitation	SRR-14	1	220,000		220,000		220,000	*660,000*
Sewer Systems R & R Fund (4340)			*220,000*		*220,000*		*220,000*	*660,000*
Sewer Root Control Program	SRR-17	1	75,000	75,000	75,000			*225,000*
Sewer Systems R & R Fund (4340)			*75,000*	*75,000*	*75,000*			*225,000*
SSES Investigation	SWR-16	1	75,000	75,000	75,000	75,000	75,000	*375,000*
Sewer Capital Fund (4320)			*75,000*	*75,000*	*75,000*	*75,000*	*75,000*	*375,000*
Sanitary Sewer Total			385,000	325,000	385,000	320,000	310,000	*1,725,000*

Sidewalks

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Sidewalk & Concrete Program	CP -10	1	40,000	40,000	40,000	40,000	40,000	*200,000*
Capital Infrastructure (3410)			*40,000*	*40,000*	*40,000*	*40,000*	*40,000*	*200,000*
New Public Sidewalk Construction Program	CP -15	1	286,500	156,500	156,500	156,500	156,500	*912,500*
Capital Infrastructure (3410)			*286,500*	*156,500*	*156,500*	*156,500*	*156,500*	*912,500*
Sidewalk Grinding Program	CP -70	1	20,000	20,000	20,000	20,000	20,000	*100,000*
Capital Infrastructure (3410)			*20,000*	*20,000*	*20,000*	*20,000*	*20,000*	*100,000*
Sidewalks Total			346,500	216,500	216,500	216,500	216,500	*1,212,500*

Signals

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Northgate Parkway / Dundee Road Signal Upgrade	TIF(35)-11	1	30,000	175,000				*205,000*
TIF, Town Center II (3500)			*30,000*	*175,000*				*205,000*

** Multiple Funding Sources*

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Dundee Rd and Northgate Pkwy Int. Study	TIF(35)-12	1	50,000					*50,000*
TIF, Town Center II (3500)			*50,000*					*50,000*
Signals Total			80,000	175,000				*255,000*
Storm Sewer/Drainage								
Drainage Improvements - East Dunhurst	STS-01	1					630,000	*630,000*
Storm Sewer Fund (4510)							*630,000*	*630,000*
Drainage Improvements - North Wheeling Road*	STS-03	1			104,250	938,154		*1,042,404*
Sewer Capital Fund (4320)						*27,500*		*27,500*
Storm Sewer Fund (4510)					*104,250*	*867,154*		*971,404*
Water Capital Fund (4310)						*43,500*		*43,500*
Drainage Improvements - South Wheeling Road*	STS-04	1	610,000					*610,000*
Sewer Capital Fund (4320)			*8,250*					*8,250*
Storm Sewer Fund (4510)			*584,500*					*584,500*
Water Capital Fund (4310)			*17,250*					*17,250*
Buffalo Creek Regulatory Floodplain Re-Mapping	STS-09	1	20,000					*20,000*
Storm Sewer Fund (4510)			*20,000*					*20,000*
Basin at St. Joseph the Worker Church	TIF(35)-10	1	50,000	800,000				*850,000*
TIF, Town Center II (3500)			*50,000*	*800,000*				*850,000*
Town Center Development Storm Sewer Project	TIF(35)-19	1	700,000					*700,000*
TIF, Town Center II (3500)			*700,000*					*700,000*
Storm Sewer/Drainage Total			1,380,000	800,000	104,250	938,154	630,000	*3,852,404*
Streets								
Wolf Road Reconstruction-Manchester to Milwaukee*	CP -29	1		300,000	700,000			*1,000,000*
Capital Infrastructure (3410)				*237,000*	*553,000*			*790,000*
TIF, North (3900)				*48,000*	*112,000*			*160,000*
TIF, Town Center II (3500)				*15,000*	*35,000*			*50,000*
Lake Cook Road Improvements*	CP -71	1	475,000	390,000				*865,000*
Capital Infrastructure (3410)			*335,000*	*250,000*				*585,000*
Water Capital Fund (4310)			*140,000*	*140,000*				*280,000*
Parkway Tree Planting Program	CP(N)-11	1	35,000	35,000	45,000	50,000	50,000	*215,000*
Capital Non-Infrastructure (3420)			*35,000*	*35,000*	*45,000*	*50,000*	*50,000*	*215,000*
Crack Sealing Program	CP(N)-57	1	40,000	40,000	40,000	40,000	40,000	*200,000*
Capital Non-Infrastructure (3420)			*40,000*	*40,000*	*40,000*	*40,000*	*40,000*	*200,000*
Paver Brick Maintenance	CP(N)-58	1		25,000		25,000		*50,000*
Capital Non-Infrastructure (3420)				*25,000*		*25,000*		*50,000*
Pavement Assessment	CP(N)-61	1	30,000	30,000	30,000	30,000	30,000	*150,000*
Capital Non-Infrastructure (3420)			*30,000*	*30,000*	*30,000*	*30,000*	*30,000*	*150,000*
Asphalt Surface Treatment Program	CP(N)-72	1	300,000	150,000	150,000	150,000	150,000	*900,000*
Capital Non-Infrastructure (3420)			*300,000*	*150,000*	*150,000*	*150,000*	*150,000*	*900,000*
Street Improvement Program*	MFT-01	1	1,700,000	2,200,000	2,300,000	2,300,000	2,200,000	*10,700,000*
Capital Infrastructure (3410)			*800,000*	*1,300,000*	*1,400,000*	*1,400,000*	*1,300,000*	*6,200,000*
Motor Fuel Tax (MFT) (11)			*900,000*	*900,000*	*900,000*	*900,000*	*900,000*	*4,500,000*
MFT General Maintenance	MFT-02	1	214,700	300,750	300,750	300,750	300,750	*1,417,700*
Motor Fuel Tax (MFT) (11)			*214,700*	*300,750*	*300,750*	*300,750*	*300,750*	*1,417,700*
Streets Total			2,794,700	3,470,750	3,565,750	2,895,750	2,770,750	*15,497,700*
Water								
Water and Sewer Improvement at Industrial Lane	TIF(36)-04	1	50,000	522,000				*572,000*
TIF, Southeast II (3600)			*50,000*	*522,000*				*572,000*
Watermain Replacement Program*	WRR-01	1	2,680,000	70,000	1,312,000	80,000	2,865,000	*7,007,000*
Capital Infrastructure (3410)			*335,000*		*155,000*		*315,000*	*805,000*
Sewer Systems R & R Fund (4340)			*100,000*		*100,000*		*100,000*	*300,000*
Water Systems R & R Fund (4330)			*2,245,000*	*70,000*	*1,057,000*	*80,000*	*2,450,000*	*5,902,000*

** Multiple Funding Sources*

Category	Project #	Priority	2017	2018	2019	2020	2021	Total
Elevated Tank Re-coating & Repair Program	WRR-02	1				623,000	523,000	*1,146,000*
Water Systems R & R Fund (4330)						*623,000*	*523,000*	*1,146,000*
Emergency Interconnect	WTR-14	1	45,000	150,000	45,000	250,000		*490,000*
Water Capital Fund (4310)			*45,000*	*150,000*	*45,000*	*250,000*		*490,000*
Water Total			2,775,000	742,000	1,357,000	953,000	3,388,000	*9,215,000*
GRAND TOTAL			13,712,373	7,656,993	7,716,236	6,960,863	9,066,405	*45,112,870*

** Multiple Funding Sources*

Village of Wheeling

Capital Improvement Plan

2017 thru 2021

FUNDING SOURCE SUMMARY

Source	2017	2018	2019	2020	2021	Total
Capital Infrastructure (3410)	2,483,272	2,367,512	2,697,012	1,972,012	2,187,012	*11,706,820*
Capital Non-Infrastructure (3420)	6,534,900	1,131,900	1,018,400	1,048,400	1,118,400	*10,852,000*
Grant (Reimbursement)	-3,000,000					*-3,000,000*
Motor Fuel Tax (MFT) (11)	1,114,700	1,200,750	1,200,750	1,200,750	1,200,750	*5,917,700*
Sewer Capital Fund (4320)	83,250	75,000	75,000	102,500	75,000	*410,750*
Sewer Systems R & R Fund (4340)	410,000	250,000	410,000	245,000	335,000	*1,650,000*
Storm Sewer Fund (4510)	776,000	192,938	316,481	1,100,608	886,800	*3,272,827*
TIF, Crossroads (3100)	96,200	50,000	50,000			*196,200*
TIF, North (3900)	1,150,000	98,000	162,000	50,000	50,000	*1,510,000*
TIF, Southeast II (3600)	100,000	572,000	50,000	50,000	50,000	*822,000*
TIF, Town Center II (3500)	1,074,040	1,040,000	85,000	50,000	50,000	*2,299,040*
Water Capital Fund (4310)	583,118	387,000	532,700	376,700	78,550	*1,958,068*
Water Systems R & R Fund (4330)	2,306,893	291,893	1,118,893	764,893	3,034,893	*7,517,465*
GRAND TOTAL	13,712,373	7,656,993	7,716,236	6,960,863	9,066,405	*45,112,870*

** Multiple Funding Sources*

RESOLUTION NO. 16-134

RESOLUTION ADOPTING THE PUBLIC WORKS DEPARTMENT CAPITAL IMPROVEMENT PLAN (CIP) FOR THE FIVE-YEAR PERIOD OF FISCAL YEAR (FY) 2017 THROUGH FY 2021

WHEREAS, the Village of Wheeling has annually adopted a Capital Improvement Plan (CIP), which has been the first step in planning the major capital requirements of the Village over a future five-year period; and

WHEREAS, the Public Works Department's Engineering Division prepared a draft Capital Improvement Plan for the period FY 2017 through 2021 which was presented to the President and Board of Trustees for discussion and consideration at a regular board meeting on November 21, 2016; and

WHEREAS, projects in the initial FY 2017 year of this CIP are identified and selected in the Plan based on their priority and available funding levels in the various CIP accounts, while the Plan for the subsequent years serves as a tentative guideline to staff and the community for planning purposes, but does not represent a commitment to funding level or any specific project; and

WHEREAS, each project is subject to review on its own merits, and the entire Plan is subject to annual review and revision;

NOW, THEREFORE, BE IT RESOLVED that the Public Works Department's Capital Improvement Plan for FY 2017 through FY 2021 is hereby adopted, and 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, 2017 and subsequently for the 2018 fiscal year and beyond.

Trustee Krueger moved, seconded by Trustee Papantos, that Resolution No. 16 - 134 be passed.

Trustee Brady Aye

Trustee Krueger Aye

Trustee Vito Aye

Trustee Lang Aye

Trustee Papantos Aye

Trustee Vogel Aye

President Argiris Aye

ADOPTED this 19th day of December, 2016, by the President and Board of Trustees of the Village of Wheeling, Illinois.

[signature]

Dean S. Argiris, Village President

VILLAGE OF WHEELING, COOK AND LAKE COUNTIES CORPORATE SEAL

ATTEST:

Elaine E. Simpson

Elaine E. Simpson, Village Clerk