

COMMUNITY INVESTMENT PROGRAM (CIP)

OVERVIEW

The Village is responsible for the construction and maintenance of important infrastructure such as: roads, watermains and stormwater facilities; as well as the maintenance of Village buildings, machinery and equipment. The programs to construct and maintain these types of assets are known as capital programs. This document is the Village's plan for capital improvements for the five-year period between FY2017 and FY2021. The CIP includes a summary of all major capital improvements planned over the next five years, including a specific description and cost summary of each project and a summary of the funding sources for each of the projects.

The first year of the Community Investment Program will serve as the Capital budget for FY2017. The remaining four years are for planning purposes and will be reviewed and adjusted in scope and priority to meet the community's needs. Development and approval of the Annual Budget assure adequate review of capital needs and proper investment to the Village's infrastructure. The long-range view serves to eliminate surprises and helps provides time for proper planning to stabilize funding of necessary capital projects.

The CIP identifies projects for the next five years and beyond that total \$129.5 million. Projects in FY17 amount to \$18,602,350. (These amounts reflect total expenditures before any grant funding received.)

CIP Criteria

Projects included in the CIP meet the following criteria:

- The project has a minimum value of \$25,000.
- The project has useful life of longer than two years.
- The project results in a fixed asset.
- If the project is an engineering study, it leads to a capital program.

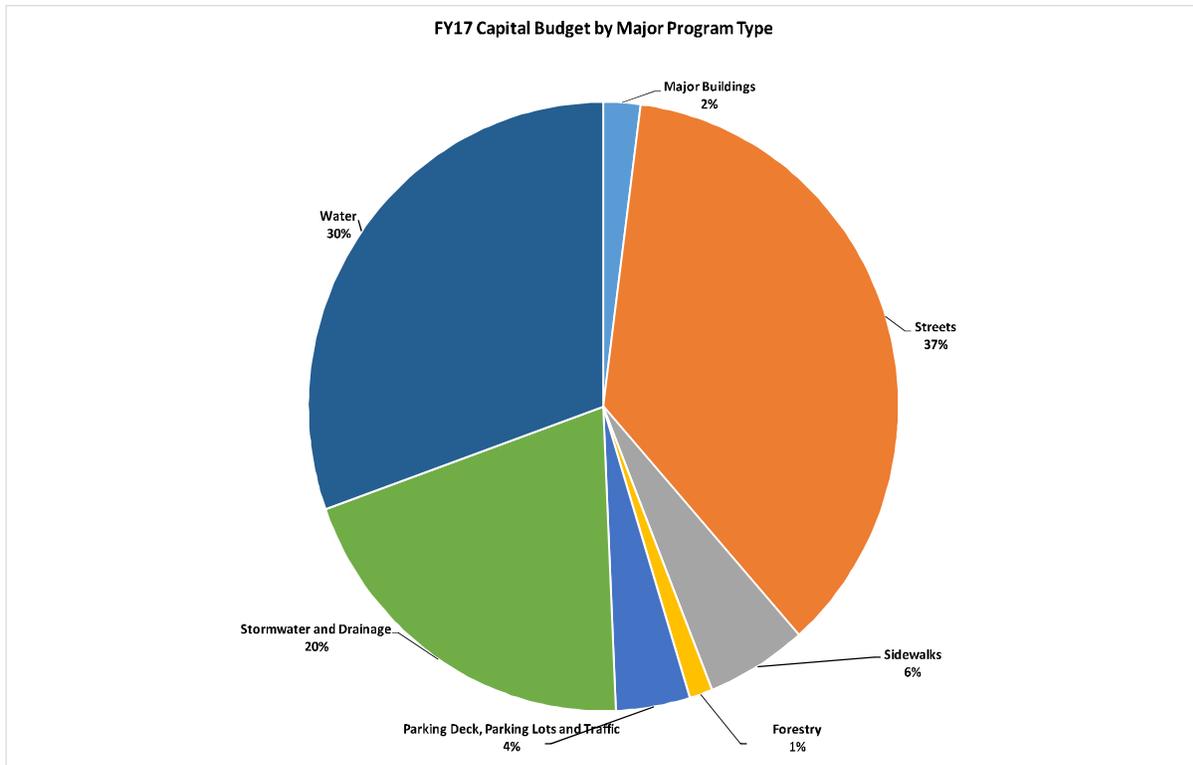
Capital projects include costs in six main categories which include:

- Professional Services
- Land Acquisition
- Infrastructure Improvements
- Building Improvements
- Machinery and Equipment
- Other/Miscellaneous

COMMUNITY INVESTMENT PROGRAM (CIP)

FY 2017 Capital Budget Summary

The FY2017 Capital Budget is categorized by program and fund. Capital projects in the Capital Fund, Municipal Buildings Fund, and Ogden Avenue TIF funds are broken down by programs. Capital Projects for the Enterprise Funds (Stormwater, Water and Parking) are contained in program 394. The chart below shows the percentage investment in each category for FY17.



Program Summary

Descriptions of Programs

Program 142 – Major Buildings

This program provides for the improvement of the Village's larger buildings such as Village Hall, the Police Department, Public Works Facility and Fire Stations. Large component replacements (over \$25K) and repairs are also included in this program.

Program 261 – Finance

This program provides for the purchase of the Village's financial software.

Program 333 – Street Lights

Expansion and complete replacement of the various lighting systems within the Village are included in this program. Maintenance functions such as bulb and ballast replacement or lighting controller upgrades are considered maintenance functions and are included in the Operating Budget.

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Program Summary

Program 335 – Forestry

This program involves the removal and replacement of ash trees infested with EAB, and the preventative treatment of healthy ash trees.

Program 341 – Sidewalks

This program serves to fund the annual removal and replacement of existing sidewalk and to provide system expansion as shown in the Village's Sidewalk Matrix. The Council has a standing policy to provide sidewalk along at least one side of every Village street, which is embodied in the Matrix. Some funds for this program are placed into the Capital Projects Fund by developers and builders who do not install required walk but instead pay a fee-in-lieu thereof.

Program 342 – Streets

Much of funding for this program comes from the Motor Fuel Tax Fund. The primary project in this fund is the Annual Roadway Maintenance Program, which encompasses resurfacing, crack sealing and preventative (slurry) seal of existing pavement. This program also includes an average of one or two complete reconstruction projects. The Village has done well to utilize Federal matching funds for most recent reconstruction projects ranging from 70% to 80% of total construction costs.

Program 344 – Traffic

Traffic continues to be one of the concerns foremost in the community's mind. Improvements, which reduce congestion and improve safety, are contained within this program. The most common type of project is a traffic signal replacement, which, owing to modern technology, generally fulfills these goals. This is another area in which the Village has been routinely successful in acquisition of matching grants.

Program 345 – Bikeways

Implementation of the Village's Bikeway Plan is the focus of this program. Each proposed project has an 80% matching grant from the state's Congestion Mitigation and Air Quality program.

Program 394 – Capital Projects-Enterprise Funds

This program contains all capital projects in the Village's Enterprise Funds-Stormwater, Water and Parking.

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Funding Source Summary

Listed below is a summary of the funding sources available for the projects included in the Community Investment Program.

Fund 102 – Motor Fuel Tax Fund

Income to this fund comes from the Village's share of the 18.3 cent excise tax on motor fuel. Recent receipts have been about \$1.1M.

Fund 110 – Ogden Avenue Tax Increment Financing (TIF) Fund

In much the same way as the Downtown TIF District has been rejuvenating that area, the Ogden Avenue TIF District has been established to grow this fund to provide funds for the improvement of this district.

Fund 220 – Capital Projects Fund

This fund derives its revenue from multiple sources including the home rule sales tax, telecommunications tax and developer contributions for sidewalks. The cash flow projects for this fund are supplied separately in this document.

Fund 223 – Municipal Buildings Fund

This fund has been established to specifically track the expenditures associated with the construction of major Village buildings.

Fund 443 – Stormwater Fund

This fund has been established to track expenditures associated with the maintenance and expansion of the stormwater collection, storage and conveyance system

Fund 471 – Parking Fund

Daily and Monthly parking fees are the main sources of income for this fund for maintenance and improvement of the parking lots. Revenue from outside agencies, specifically Metra, is also included in this fund.

Fund 481 – Water Fund

Part of the revenue from the sale of water is allocated in this Water Fund for capital improvements for ongoing system improvements.

Grants/Other Sources

The Village is constantly reviewing all available grant monies. Generally a formal application, review, and award process is followed with each grantor following their (frequently legislatively-mandated) evaluation and ranking process. The DuPage Mayor's and Manager's Conference is one such grantor. They distribute the regional share of Federal Highway Trust Funds. Other agencies include the Northeastern Illinois Planning Commission and the Environmental Protection Agency.

COMMUNITY INVESTMENT PROGRAM (CIP)

Project Description		FY 2017 Projected
Program 142 - Major Buildings		
MB-043	Facility Improvements/Maintenance - Fire Stations	128,500
MB-052	Facility Improvements/Maintenance - Public Works	136,000
MB-054	Facility Improvements/Maintenance - Train Stations	10,000
MB-100	Emergency Repair Project Contingency	100,000
Totals:		374,500
Program 333 - Street Lights		
SL-004	Fairview Business District Street Light Replacement	175,000
SL-005	Street Light Replacement, Farmingdale	65,000
Totals:		240,000
Program 335 - Forestry		
FO-001	Emerald Ash Borer (EAB) Eradication	233,000
Totals:		233,000
Program 341 - Sidewalks		
S-005	Ogden Avenue Sidewalk Installation	555,000
S-006	Replacement Sidewalk Program	232,000
S-007	DBD Crosswalk & Accessibility Upgrades	100,000
S-008	Right-of-Way Accessibility Improvements	138,000
Sub Totals:		1,025,000
Program 342 - Streets		
ST-004	Roadway Maintenance Program	4,334,850
ST-036	Roadway Resurfacing (LAFO), Finley, Butterfield to Village Limits	270,000
ST-038	Roadway Resurfacing (LAFO), Dunham, 55th St to 63rd St	400,000
ST-047	Roadway Resurfacing (LAFO), Maple, Main to Fairview	687,000
ST-049	Roadway Resurfacing (LAFO), Main, Ogden to Franklin	30,000
ST-050	Guardrail Repair and Replacement	100,000
ST-053	Road Reconstruction - Jay Dr/Webster., Valley View to North End	620,000
ST-054	Road Reconstruction - Grant St., Prince to Linscott	295,000
ST-056	Pavement Condition Assessment Update	50,000
Sub Totals:		6,786,850
Program 344 - Traffic		
TR-018	Traffic Signal Modernization, Lacey & Woodcreek	270,000
TR-023	Pavement Striping Maintenance	50,000
TR-024	Neighborhood Traffic Study	30,000
Totals:		350,000

COMMUNITY INVESTMENT PROGRAM (CIP)

Program 394 - Capital Projects-Enterprise Funds		
Stormwater Projects		
DR-022	Streambank Improvements, St Joseph Creek, South Branch	270,000
DR-024	Streambank Improvements, St Joseph Creek, Main Branch	110,000
DR-035	Valley View Pond Improvements	25,000
DR-039	Prentiss Creek (Sub E), Kensington Place Online Storage	5,000
DR-040	Watershed Improvements, Lacey Creek, Sub G	10,000
SW-051	Neighborhood Drainage Improvements Cost-Share Program	60,000
SW-053	Drainage Improvements, Clyde Estates	10,000
SW-057	Headwall Replacement, Gilbert Ave and Brookbank Rd	60,000
SW-069	Green Streets/Sustainable Storm Water Program	65,000
SW-070	Storm Sewer Replacement, Annual Element	500,000
SW-073	Downtown Water Quality Improvements	145,000
SW-080	Identified Future Drainage and Floodplain Improvements	2,500,000
	Totals:	3,760,000
Parking Projects		
P-010	Parking Lot Improvements, Annual Element	50,000
P-013	Parking Deck Maintenance	115,000
	Totals:	165,000
Water Projects		
WA-006	Watermain Replacement, Maple Ave & 55th St	750,000
WA-028	Watermain Replacement, Annual Element	3,000,000
WA-037	AMR MTU Replacement	50,000
WP-003	Summit Street Tank Rehabilitation	500,000
WP-010	Water Facility Maintenance, Annual Element	100,000
WP-011	Existing Well Rehab	1,000,000
WP-013	67th St Tank Rehabilitation	50,000
WP-014	Demolition of Old 67th Street Well Building	40,000
WP-015	Upgrade Chlorine Analyzers at Rate Stations	48,000
WP-016	Replace Inoperable Water Valves on Ogden Ave	90,000
WP-017	Replace SCADA Server at Public Works	40,000
	Totals:	5,668,000
	Grand Total (All Projects):	18,602,350
	Grants	(1,512,750)
	Net Cost of CIP Projects	17,089,600

Community Investment Fund Project List

Project Description	FY 2017 Projected	FY 2018 Projected	FY 2019 Projected	FY 2020 Projected	FY 2021 Projected	Future Yrs Planned	TOTAL
FUND 220 - Capital Projects Fund							
FN-002 Financial Software Replacement		800,000					800,000
FO-001 Emerald Ash Borer (EAB) Eradication	233,000	233,000	233,000	127,500			826,500
SL-004 Fairview Business District Street Light Replacement	175,000						175,000
SL-005 Street Light Replacement, Farmingdale	65,000						65,000
S-005 Ogden Ave Sidewalks	100,000	150,000					250,000
S-006 Replacement Sidewalk Program	232,000	244,000	256,000	269,000	282,000		1,283,000
S-007 DBD Crosswalk & Accessibility Upgrades	100,000	100,000	100,000	100,000	100,000		500,000
S-008 Right of Way Accessibility Improvements	138,000	150,000	150,000	165,000	165,000		768,000
ST-004 Roadway Maintenance Program	3,139,850	3,460,000	3,835,000	3,995,000	4,000,000		18,429,850
ST-025 Road Reconstruction; Brookbank Rd, 59th to 60th St		485,000					485,000
ST-029 Grade Separation - Downtown/Fairview Area						16,000,000	16,000,000
ST-036 Roadway Resurfacing (LAFO), Finley, Butterfield to Village Limits	270,000						270,000
ST-038 Roadway Resurfacing (LAFO), Dunham, 55th St to 63rd St	400,000						400,000
ST-047 Roadway Resurfacing (LAFO), Maple, Main to Fairview	687,000						687,000
ST-049 Roadway Resurfacing (LAFO), Main, Ogden to Franklin	30,000	900,000					930,000
ST-050 Guardrail Repair and Replacement	100,000						100,000
ST-051 Intersection Improvements at Main St and 59th St		50,000	50,000				100,000
ST-053 Road Reconstruction - Jay Dr/Webster Ave, Valley View to North End	620,000						620,000
ST-054 Road Reconstruction - Grant St., Prince to Linscott	295,000						295,000
ST-056 Pavement Condition Assessment Update	50,000						50,000
TR-018 Traffic Signal Modernization, Lacey & Woodcreek	270,000						270,000
TR-023 Pavement Striping Maintenance	50,000	50,000	50,000	50,000	55,000		255,000
TR-024 Neighborhood Traffic Study	30,000	60,000	60,000	65,000	65,000		280,000
TR-026 Traffic Signal Modernization, Finley Rd at Finley Mall		260,000					260,000
TR-027 Fiber Optic Cable - Main/Maple to Fire Station #2		65,000					65,000
BW-005 31st Street Bike Path		87,500	87,500				175,000
BW-007 Bicycle and Pedestrian Improvements		100,000					100,000
BW-008 Grade Separated Pedestrian Crossing		125,000	4,000,000				4,125,000
Sub Totals:	6,984,850	7,319,500	8,821,500	4,771,500	4,667,000	16,000,000	48,564,350
Grants Approved							
ST-036 Roadway Resurfacing (LAFO), Finley, Butterfield to Village Limits	(202,500)						(202,500)
ST-038 Roadway Resurfacing (LAFO), Dunham, 55th St to 63rd St	(300,000)						(300,000)
ST-047 Roadway Resurfacing (LAFO), Maple, 55th to Fairview	(515,250)						(515,250)
ST-049 Roadway Resurfacing (LAFO), Main, Ogden to Franklin		(630,000)					(630,000)
Grants Anticipated							
BW-007 Bicycle and Pedestrian Improvements		(70,000)					(70,000)
BW-008 Grade Separated Pedestrian Crossing			(3,600,000)				(3,600,000)
Totals:	5,967,100	6,619,500	5,221,500	4,771,500	4,667,000	16,000,000	43,246,600

Community Investment Fund Project List

Project Description	FY 2017 Projected	FY 2018 Projected	FY 2019 Projected	FY 2020 Projected	FY 2021 Projected	Future Yrs Planned	TOTAL
FUND 223 - Major Buildings							
MB-043 Facility Improvements/Maintenance - Fire Stations	128,500	180,000	192,500				501,000
MB-052 Facility Improvements/Maintenance - Public Works	136,000	226,000	30,000		500,000		892,000
MB-054 Facility Improvements/Maintenance - Train Stations	10,000						10,000
MB-100 Emergency Repair Project Contingency	100,000	94,000	200,000	500,000			894,000
Totals:	374,500	500,000	422,500	500,000	500,000	-	2,297,000
FUND 443 - Stormwater Fund							
DR-022 Streambank Improvements, St Joseph Creek, South Branch	270,000	80,000	270,000	85,000	280,000	2,025,000	3,010,000
DR-024 Streambank Improvements, St Joseph Creek, Main Branch	110,000	300,000	110,000	300,000	120,000	3,550,000	4,490,000
DR-035 Valley View Pond Improvements	25,000						25,000
DR-039 Prentiss Creek (Sub E), Kensington Place Online Storage	5,000						5,000
DR-040 Watershed Improvements, Lacey Creek, Sub G	10,000					14,902,000	14,912,000
SW-051 Neighborhood Drainage Improvements Cost-Share Program	60,000	60,000	65,000	65,000	70,000		320,000
SW-053 Drainage Improvements, Clyde Estates	10,000						10,000
SW-057 Headwall Replacement, Gilbert Ave and Brookbank Rd	60,000						60,000
SW-067 Lacey Creek (Sub G) - 35th St. between Saratoga and Venard						435,000	435,000
SW-069 Green Streets/Sustainable Storm Water Program	65,000	65,000	70,000	70,000	70,000		340,000
SW-070 Storm Sewer Replacement, Annual Element	500,000	500,000	550,000	550,000	600,000		2,700,000
SW-073 Downtown Water Quality Improvements	145,000	1,500	1,500	1,500	50,000	100,000	299,500
SW-080 Identified Future Drainage and Floodplain Improvements	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	4,500,000	17,000,000
Sub Totals:	3,760,000	3,506,500	3,566,500	3,571,500	3,690,000	25,512,000	43,606,500
Grants Anticipated							
SW-073 Downtown Water Quality Improvements	(103,200)						(103,200)
Grants Approved							
SW-073 Downtown Water Quality Improvements	(31,800)						(31,800)
Totals:	3,625,000	3,506,500	3,566,500	3,571,500	3,690,000	25,512,000	43,471,500
FUND 481 Water Fund							
WA-006 Watermain Replacement, Maple & 55th St	750,000						750,000
WA-028 Watermain Replacement, Annual Element	3,000,000	3,000,000	2,500,000	2,500,000	2,000,000		13,000,000
WA-037 AMR MTU Replacement	50,000						50,000
WP-003 Summit St. Tank Rehabilitation	500,000						500,000
WP-007 Finley Rd. Tank Rehabilitation			30,000	630,000			660,000
WP-010 Water Facility Maintenance, Annual Element	100,000	100,000	100,000	100,000	100,000		500,000
WP-011 Existing Well Rehab	1,000,000	1,000,000	1,000,000				3,000,000
WP-012 Downers Dr Tank Rehabilitation			1,400,000				1,400,000
WP-013 67th St. Tank Rehabilitation	50,000	400,000					450,000
WP-014 Demolition of Old 67th Street Well Building	40,000						40,000
WP-015 Upgrade Chlorine Analyzers at Rate Stations	48,000						48,000
WP-016 Replace Inoperable Water Valves on Ogden Ave	90,000						90,000
WP-017 Replace SCADA Server at Public Works	40,000						40,000
Totals:	5,668,000	4,500,000	5,030,000	3,230,000	2,100,000	-	20,528,000

Community Investment Fund Project List

Project Description	FY 2017 Projected	FY 2018 Projected	FY 2019 Projected	FY 2020 Projected	FY 2021 Projected	Future Yrs Planned	TOTAL
FUND 471 - Parking Fund							
P-010 Parking Lot Improvements, Annual Element	50,000	55,000	55,000	55,000	55,000		270,000
P-013 Parking Deck Maintenance	115,000	105,000	100,000	50,000	50,000	6,500,000	6,920,000
							-
Totals:	165,000	160,000	155,000	105,000	105,000	6,500,000	7,190,000
FUND 102 - Motor Fuel Tax Fund							
ST-004 Roadway Maintenance Program	1,195,000	1,130,000	1,130,000	1,130,000	1,130,000		5,715,000
Totals:	1,195,000	1,130,000	1,130,000	1,130,000	1,130,000	-	5,715,000
FUND 110 OGDEN AVENUE TIF							
S-005 Ogden Avenue Sidewalk Installation	455,000	700,000					1,155,000
TR-029 Traffic Signal - Ogden Ave and Lacey Rd		40,000	400,000				440,000
Sub Totals:	455,000	740,000	400,000	-	-	-	1,595,000
Grants Anticipated							
S-005 Ogden Avenue Sidewalk Installation	(360,000)						(360,000)
Grants Approved							
S-005 Ogden Avenue Sidewalk Installation		(450,000)					(450,000)
Totals:	95,000	290,000	400,000	-	-	-	785,000
Grand Total (All Projects):	17,089,600	16,706,000	15,925,500	13,308,000	12,192,000	48,012,000	123,233,100

Community Investment Program Project List

Sorted by Program

Project Description	FY 2017 Projected	FY 2018 Projected	FY 2019 Projected	FY 2020 Projected	FY 2021 Projected	Future Yrs Planned	TOTAL
Program 142 - Major Buildings							
MB-043 Facility Improvements/Maintenance - Fire Stations	128,500	180,000	192,500				501,000
MB-052 Facility Improvements/Maintenance - Public Works	136,000	226,000	30,000		500,000		892,000
MB-054 Facility Improvements/Maintenance - Train Stations	10,000						10,000
MB-100 Emergency Repair Project Contingency	100,000	94,000	200,000	500,000			894,000
Totals:	374,500	500,000	422,500	500,000	500,000	-	2,297,000
Program 261 - Finance							
FN-002 Financial Software Replacement		800,000					800,000
Totals:	-	800,000	-	-	-	-	800,000
Program 333 - Street Lights							
SL-004 Fairview Business District Street Light Replacement	175,000						175,000
SL-005 Street Light Replacement, Farmingdale	65,000						65,000
Totals:	240,000	-	-	-	-	-	240,000
Program 335 - Forestry							
FO-001 Emerald Ash Borer (EAB) Eradication	233,000	233,000	233,000	127,500			826,500
Totals:	233,000	233,000	233,000	127,500	-	-	826,500
Program 341 - Sidewalks							
S-005 Ogden Avenue Sidewalk Installation	555,000	850,000					1,405,000
S-006 Replacement Sidewalk Program	232,000	244,000	256,000	269,000	282,000		1,283,000
S-007 DBD Crosswalk & Accessibility Upgrades	100,000	100,000	100,000	100,000	100,000		500,000
S-008 Right-of-Way Accessibility Improvements	138,000	150,000	150,000	165,000	165,000		768,000
Sub Totals:	1,025,000	1,344,000	506,000	534,000	547,000	-	3,956,000
Grants Anticipated							
S-005 Ogden Avenue Sidewalk Installation	(360,000)						(360,000)
Grants Approved							
S-005 Ogden Avenue Sidewalk Installation		(450,000)					(450,000)
Totals:	665,000	894,000	506,000	534,000	547,000	-	3,146,000

Community Investment Program Project List

Sorted by Program

Project Description		FY 2017 Projected	FY 2018 Projected	FY 2019 Projected	FY 2020 Projected	FY 2021 Projected	Future Yrs Planned	TOTAL
Program 342 - Streets								
ST-004	Roadway Maintenance Program	4,334,850	4,590,000	4,965,000	5,125,000	5,130,000		24,144,850
ST-025	Road Reconstruction - Brookbank Rd, 59th to 60th St		485,000					485,000
ST-029	Grade Separation - Downtown/Fairview Area						16,000,000	16,000,000
ST-036	Roadway Resurfacing (LAFO), Finley, Butterfield to Village Limits	270,000						270,000
ST-038	Roadway Resurfacing (LAFO), Dunham, 55th St to 63rd St	400,000						400,000
ST-047	Roadway Resurfacing (LAFO), Maple, Main to Fairview	687,000						687,000
ST-049	Roadway Resurfacing (LAFO), Main, Ogden to Franklin	30,000	900,000					930,000
ST-050	Guardrail Repair and Replacement	100,000						100,000
ST-051	Intersection Improvements at Main St and 59th St		50,000	50,000				100,000
ST-053	Road Reconstruction - Jay Dr/Webster., Valley View to North End	620,000						620,000
ST-054	Road Reconstruction - Grant St., Prince to Linscott	295,000						295,000
ST-056	Pavement Condition Assessment Update	50,000						50,000
Sub Totals:		6,786,850	6,025,000	5,015,000	5,125,000	5,130,000	16,000,000	44,081,850
Grants Approved								
ST-036	Roadway Resurfacing (LAFO), Finley, Butterfield to Village Limits	(202,500)						(202,500)
ST-038	Roadway Resurfacing (LAFO), Dunham, 55th St to 63rd St	(300,000)						(300,000)
ST-047	Roadway Resurfacing (LAFO), Maple, 55th to Fairview	(515,250)						(515,250)
ST-049	Roadway Resurfacing (LAFO), Main, Ogden to Franklin		(630,000)					(630,000)
Totals:		5,769,100	5,395,000	5,015,000	5,125,000	5,130,000	16,000,000	42,434,100
Program 344 - Traffic								
TR-018	Traffic Signal Modernization, Lacey & Woodcreek	270,000						270,000
TR-023	Pavement Striping Maintenance	50,000	50,000	50,000	50,000	55,000		255,000
TR-024	Neighborhood Traffic Study	30,000	60,000	60,000	65,000	65,000		280,000
TR-026	Traffic Signal Modernization, Finley Rd at Finley Mall		260,000					260,000
TR-027	Fiber Optic Cable - Main/Maple to Fire Station #2		65,000					65,000
TR-029	Traffic Signal - Ogden Ave and Lacey Rd		40,000	400,000				440,000
Totals:		350,000	475,000	510,000	115,000	120,000	-	1,570,000
Program 345 - Bikeways								
BW-005	31st Street Bike Path		87,500	87,500				175,000
BW-007	Bicycle and Pedestrian Improvements		100,000					100,000
BW-008	Grade-Separated Pedestrian Crossing		125,000	4,000,000				4,125,000
Sub Totals:		-	312,500	4,087,500	-	-	-	4,400,000
Grants Anticipated								
BW-007	Bicycle and Pedestrian Improvements		(70,000)					(70,000)
BW-008	Grade-Separated Pedestrian Crossing			(3,600,000)				(3,600,000)
Totals:		-	242,500	487,500	-	-	-	730,000

Community Investment Program Project List

Sorted by Program

Project Description		FY 2017 Projected	FY 2018 Projected	FY 2019 Projected	FY 2020 Projected	FY 2021 Projected	Future Yrs Planned	TOTAL
Program 394 - Capital Projects								
DR-022	Streambank Improvements, St Joseph Creek, South Branch	270,000	80,000	270,000	85,000	280,000	2,025,000	3,010,000
DR-024	Streambank Improvements, St Joseph Creek, Main Branch	110,000	300,000	110,000	300,000	120,000	3,550,000	4,490,000
DR-035	Valley View Pond Improvements	25,000						25,000
DR-039	Prentiss Creek (Sub E), Kensington Place Online Storage	5,000						5,000
DR-040	Watershed Improvements, Lacey Creek, Sub G	10,000					14,902,000	14,912,000
P-010	Parking Lot Improvements, Annual Element	50,000	55,000	55,000	55,000	55,000		270,000
P-013	Parking Deck Maintenance	115,000	105,000	100,000	50,000	50,000	6,500,000	6,920,000
SW-051	Neighborhood Drainage Improvements Cost-Share Program	60,000	60,000	65,000	65,000	70,000		320,000
SW-053	Drainage Improvements, Clyde Estates	10,000						10,000
SW-057	Headwall Replacement, Gilbert Ave and Brookbank Rd	60,000						60,000
SW-067	Lacey Creek (Sub G) - 35th St. between Saratoga and Venard						435,000	435,000
SW-069	Green Streets/Sustainable Storm Water Program	65,000	65,000	70,000	70,000	70,000		340,000
SW-070	Storm Sewer Replacement, Annual Element	500,000	500,000	550,000	550,000	600,000		2,700,000
SW-073	Downtown Water Quality Improvements	145,000	1,500	1,500	1,500	50,000	100,000	299,500
SW-080	Identified Future Drainage and Floodplain Improvements	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	4,500,000	17,000,000
WA-006	Watermain Replacement, Maple Ave & 55th St	750,000						750,000
WA-028	Watermain Replacement, Annual Element	3,000,000	3,000,000	2,500,000	2,500,000	2,000,000		13,000,000
WA-037	AMR MTU Replacement	50,000						50,000
WP-003	Summit Street Tank Rehabilitation	500,000						500,000
WP-007	Finley Rd. Tank Rehabilitation			30,000	630,000			660,000
WP-010	Water Facility Maintenance, Annual Element	100,000	100,000	100,000	100,000	100,000		500,000
WP-011	Existing Well Rehab	1,000,000	1,000,000	1,000,000				3,000,000
WP-012	Downers Dr Tank Rehabilitation			1,400,000				1,400,000
WP-013	67th St Tank Rehabilitation	50,000	400,000					450,000
WP-014	Demolition of Old 67th Street Well Building	40,000						40,000
WP-015	Upgrade Chlorine Analyzers at Rate Stations	48,000						48,000
WP-016	Replace Inoperable Water Valves on Ogden Ave	90,000						90,000
WP-017	Replace SCADA Server at Public Works	40,000						40,000
Sub Totals:		9,593,000	8,166,500	8,751,500	6,906,500	5,895,000	32,012,000	71,324,500
Grants Anticipated								
SW-073	Downtown Water Quality Improvements	(103,200)						(103,200)
Grants Approved								
SW-073	Downtown Water Quality Improvements	(31,800)						(31,800)
Totals:		9,458,000	8,166,500	8,751,500	6,906,500	5,895,000	32,012,000	71,189,500
Grand Total (All Projects):		17,089,600	16,706,000	15,925,500	13,308,000	12,192,000	48,012,000	123,233,100

2017-2021 Capital Project Sheet

Project # **MB-043**

Project Description **Facility Improvements/Maintenance - Fire Stations**

Project summary, justification and alignment to Strategic Plan

This sheet identifies significant facility improvement projects for certain Village building(s) that require regular maintenance and upkeep. Minor or emergency-related repair projects are funded via operating budgets or the major buildings contingency.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building	X	X		38,000	160,000	182,500				380,500
Machinery/Equipment	X	X		90,500	20,000	10,000				120,500
Other/Miscellaneous										-
TOTAL COST				128,500	180,000	192,500	-	-	-	501,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
223-Major Buildings Fund	128,500	180,000	192,500				501,000
TOTAL FUNDING SOURCES	128,500	180,000	192,500	-	-	-	501,000

Impact on annual Operating Expenses

Grants (funded or applied for) related to the project.

Projects	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Roof Replacement - Sta. 1		100,000					100,000
Overhead Door Replacement - Sta. 1	25,000						25,000
HVAC Replacement - Sta. 1		20,000					20,000
Repelling Wall Repairs - Sta. 2			7,500				7,500
HVAC System Replacement - Sta. 3	80,000						80,000
Fire Alarm System Replacement - Sta. 3	6,500						6,500
Sprinkler Head - Sta. 3	13,000						13,000
Apparatus Bay Window Replace - Sta. 3		20,000					20,000
Fire Alarm System Replacement - Sta. 5	4,000						4,000
Overhead Door Replacement - Sta. 5		30,000					30,000
Sprinkler Head Replacement - Sta. 5		10,000					10,000
Condenser Coil Replacement - Sta. 5			10,000				10,000
Floor Replacement - Sta. 5			175,000				175,000
TOTAL	128,500	180,000	192,500	-	-	-	501,000

Priority Score **A**

Project Manager: **Dann Fitzpatrick**

Program: **142**

Department: **Building Services**

2017-2021 Capital Project Sheet

Project # **MB-052**

Project Description **Facility Improvements/Maintenance - Public Works**

Project summary, justification and alignment to Strategic Plan

This sheet identifies significant facility improvement projects for certain Village building(s) that require regular maintenance and upkeep. Minor or emergency-related repair projects are funded via operating budgets or the major buildings contingency.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building	X	X		36,000	206,000	30,000				272,000
Machinery/Equipment	X	X		100,000	20,000					120,000
Other/Miscellaneous		X						500,000		500,000
TOTAL COST				136,000	226,000	30,000	-	500,000	-	892,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
223-Major Buildings Fund	136,000	226,000	30,000	-	500,000	-	892,000
							-
							-
							-
TOTAL FUNDING SOURCES	136,000	226,000	30,000	-	500,000	-	892,000

Impact on annual Operating Expenses

Overall, these projects will reduce future operating expenses by eliminating the need for costly emergency repairs. This improvement will potentially reduce maintenance costs by up to \$9,000/year.

Grants (funded or applied for) related to the project

Projects	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
HVAC Control Replacement	75,000						75,000
Door Replacement	6,000	6,000					12,000
Floor Coating		100,000					100,000
Storage Area Roof Replacement		100,000					100,000
HVAC - Mezzanine	25,000						25,000
Exterior Wall Refurbishment	30,000						30,000
Carpet/Tile Replacement			30,000				30,000
Camera Installation		20,000					20,000
Fuel Island Repairs					500,000		500,000
							-
TOTAL	136,000	226,000	30,000	-	500,000	-	892,000

Priority Score **A**

Project Manager: **Dann Fitzpatrick**

Program: **142** Department: **Building Services**

2017-2021 Capital Project Sheet

Project # **MB-054**

Project Description Facility Improvements/ Maintenance - Train Stations

Project summary, justification and alignment to Strategic Plan

The sheet identifies significant facility improvement projects for certain Village building(s) that require regular maintenance and upkeep. Minor or emergency-related repair projects are funding through operating budgets or the major buildings contingency.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment		X		10,000						10,000
Other/Miscellaneous										-
TOTAL COST				10,000	-	-	-	-	-	10,000

Funding Source(s)										
223-Major Buildings Fund	▼			10,000	-	-	-	-	-	10,000
	▼									-
	▼									-
	▼									-
TOTAL FUNDING SOURCES				10,000	-	-	-	-	-	10,000

Impact on annual Operating Expenses

Regularly planned maintenance reduces the need for emergency and unexpected repairs along with the corresponding operating costs.

Grants (funded or applied for) related to the project.

Projects	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Camera Installation	10,000						10,000
TOTAL	10,000	-	-	-	-	-	10,000

Priority Score A

Project Manager: Dann Fitzpatrick

Program: 142 Department: Building Services

2017-2021 Capital Project Sheet

Project # **MB-100**

Project Description **Emergency Repair Project Contingency**

Project summary, justification and alignment to Strategic Plan

This request is for an ongoing contingency fund for emergency maintenance or repair of the Village's facilities and equipment. This fund could be used at any Village buildings that require maintenance.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building	X	X		100,000	94,000	200,000	500,000			894,000
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				100,000	94,000	200,000	500,000	-	-	894,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
223-Major Buildings Fund	▼	100,000	94,000	200,000	500,000			894,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		100,000	94,000	200,000	500,000	-	-	894,000

Project status and completed work

Grants (funded or applied for) related to the project

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will reduce future operating expenses by eliminating the need for costly emergency repairs. This improvement will potentially reduce maintenance costs by up to \$3,000/year.

Map/Pictures of Project



Priority Score **A**

Project Manager:

Dann Fitzpatrick

Program: **142**

Department:

Building Services

2017-2021 Capital Project Sheet

Project # **SL-004**

Project Description Fairview Business District Street Light Replacement

Project summary, justification and alignment to Strategic Plan

This project involves the replacement of the decorative street lights in the Fairview business district. The lights are on Fairview Avenue generally between Maple Avenue and 2nd Street. The existing street lights are deteriorating and replacement/repair parts are no longer available.

Cost Summary	New Maintenance Replacement			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services										-
Land Acquisition										-
Infrastructure		X		175,000						175,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				175,000	-	-	-	-	-	175,000

Funding Source(s)										
220-Capital Improvements Fund	▼	175,000								175,000
	▼									-
	▼									-
	▼									-
TOTAL FUNDING SOURCES		175,000	-	-	-	-	-	-	-	175,000

Project status and completed work

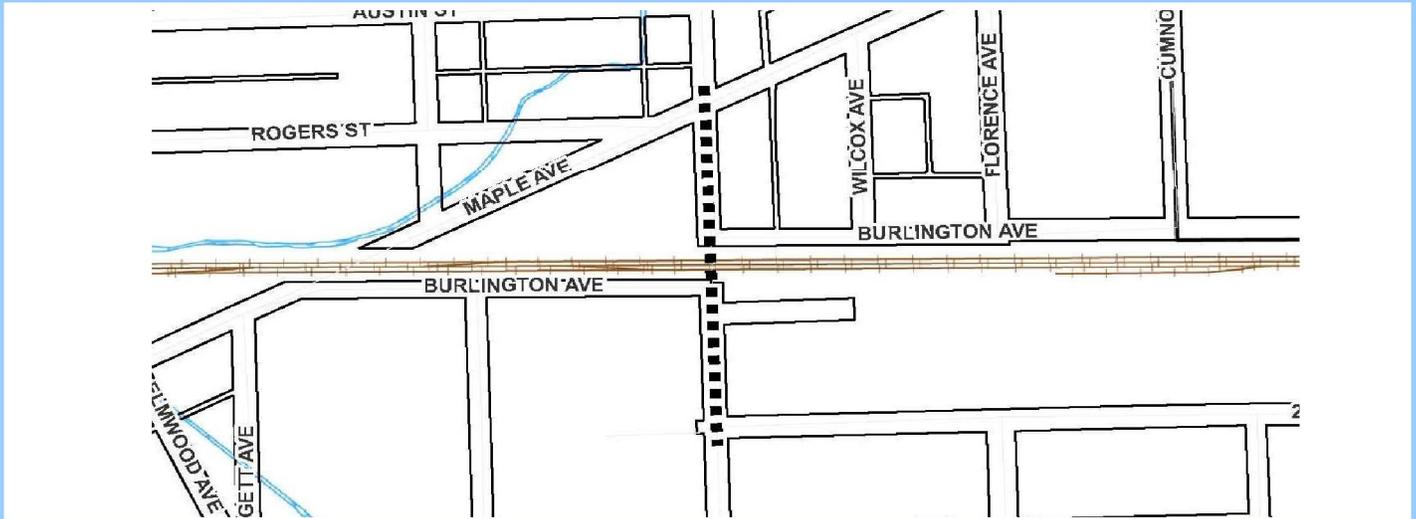
This work will be designed in-house and is anticipated to occur in 2017.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will reduce operational costs by reducing potential repair costs.

Map/Pictures of Project



Priority Score A

Project Manager:

Stan Balicki

Program: 333

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **SL-005**

Project Description Street Light Replacement, Farmingdale

Project summary, justification and alignment to Strategic Plan

This project would replace one of the Village's older street lighting systems (1970) which has experienced a larger number of cable faults each year. The faults are traceable to a combination of mixed aluminum and copper wires, some of which are still cloth-wrapped. The poles are in acceptable shape and only require slight repairs.

Cost Summary	New Maintenance Replacement			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services										-
Land Acquisition										-
Infrastructure		X		65,000						-
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				65,000	-	-	-	-	-	65,000

Funding Source(s)										
220-Capital Improvements Fund	▼		65,000							65,000
	▼									-
	▼									-
	▼									-
TOTAL FUNDING SOURCES			65,000	-	-	-	-	-	-	65,000

Project status and completed work

No work has started.

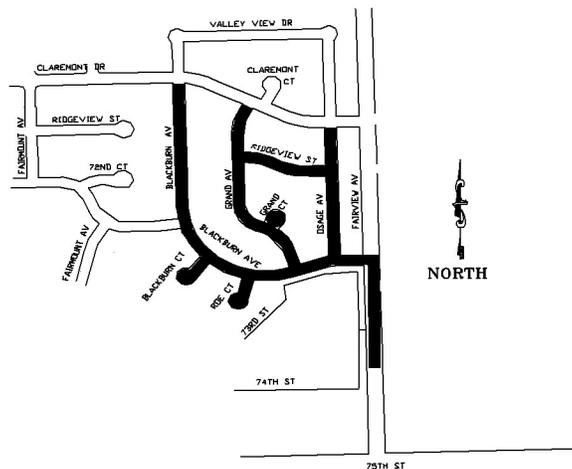
Grants (funded or applied for) related to the project

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will reduce operational costs by reducing potential repair costs.

Map/Pictures of Project



Priority Score A

Project Manager: Stan Balicki

Program: 333 Department: Public Works

2017-2021 Capital Project Sheet

Project # **S-005**

Project Description **Ogden Avenue Sidewalk Installation**

Project summary, justification and alignment to Strategic Plan

This project would complete several sections of sidewalk along Ogden Avenue within the Village. Phase I of this work was constructed in 2010. Phase II will include those segments/blocks where easements can be obtained, and the sidewalk can be constructed without substantial damage to the remainder of the property.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		85,000						85,000
Land Acquisition	X	470,000	250,000					720,000
Infrastructure	X		600,000					600,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		555,000	850,000	-	-	-	-	1,405,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼	100,000	150,000					250,000
110 - Ogden TIF Fund	▼	95,000	250,000					345,000
Grants/Other Sources, Approved	▼		450,000					450,000
Grants/Other Sources, Anticipated	▼	360,000						360,000
TOTAL FUNDING SOURCES		555,000	850,000	-	-	-	-	1,405,000

Project status and completed work

It is anticipated that phase II sidewalk easements will be procured in 2017 with construction to occur in 2018. All remaining sidewalks will be constructed as properties re- develop or easements are made available.

Grants (funded or applied for) related to the project

An STP grant has been awarded for this project. An ITEP grant has been applied for this project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

It is estimated that adding new sidewalk increases annual sidewalk maintenance costs by approximately \$0.15/square foot, but generally these expenses are not realized until at least 15 years after initial construction.

Map/Pictures of Project



Priority Score

Project Manager:

John Welch

Program: 341

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **S-006**

Project Description **Replacement/Rehabilitation Sidewalk Program**

Project summary, justification and alignment to Strategic Plan

This project provides for the replacement or rehabilitation of sidewalk tripping hazards as well as sidewalk which has cracked into more than three pieces or is otherwise beyond it's useful life. The Village maintains over 5 million square feet (SF) of sidewalk which has a life expectancy of 50 to 100 years. Beginning in FY2009, a 5% escalator was included to reflect increasing costs for sidewalk construction.

Cost Summary	New Maintenance Replacement			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
	Professional Services									
Land Acquisition										-
Infrastructure	X			232,000	244,000	256,000	269,000	282,000		1,283,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				232,000	244,000	256,000	269,000	282,000	-	1,283,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund ▼	232,000	244,000	256,000	269,000	282,000		1,283,000
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	232,000	244,000	256,000	269,000	282,000	-	1,283,000

Project status and completed work

Annual Program.

Grants (funded or applied for) related to the project

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Repaired sidewalk will reduce liability costs.

Map/Pictures of Project



Priority Score **A**

Project Manager:

John Welch

Program: **341**

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **S-007**

Project Description **DBD Crosswalk and Accessibility Upgrades**

Project summary, justification and alignment to Strategic Plan

This project includes the repair and replacement (if necessary) of the brick crosswalks in the Downtown Business District as well as other required maintenance of the sidewalk and brick paving system. Included will be upgrades to the adjacent sidewalk ramps.

Cost Summary	<div style="display: flex; flex-direction: column; align-items: center;"> New Maintenance Replacement </div>			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
				Professional Services						
Land Acquisition										-
Infrastructure	X			100,000	100,000	100,000	100,000	100,000		500,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				100,000	100,000	100,000	100,000	100,000	-	500,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund ▼	100,000	100,000	100,000	100,000	100,000		500,000
▼							-
▼							-
▼							-
TOTAL FUNDING SOURCES	100,000	100,000	100,000	100,000	100,000	-	500,000

Project status and completed work

Staff has hired a consultant to perform design of the intersection improvements, and construction is expected in 2017. This will be an on-going program.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Repaired sidewalk will reduce liability costs.

Map/Pictures of Project



Priority Score **A**

Project Manager:

John Welch

Program: **341**

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **S-008**

Project Description **Right of Way Accessibility Improvements**

Project summary, justification and alignment to Strategic Plan

This project includes improvements to public rights of way to modernize pedestrian access routes and bring them into compliance with new regulations. The requirements of the Americans with Disabilities Act were updated in 2012, and the "Public Rights Of Way Accessibility Guidelines" (PROWAG), which have been under development for several years, were finalized in late 2015. As locations that are in need of upgrades are identified throughout the Village, they will be compiled on a matrix of priorities and will be added to this annual program.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure		X		138,000	150,000	150,000	165,000	165,000		768,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				138,000	150,000	150,000	165,000	165,000	-	768,000

Funding Source(s)										
220-Capital Improvements Fund	▼			138,000	150,000	150,000	165,000	165,000		768,000
	▼									-
	▼									-
	▼									-
TOTAL FUNDING SOURCES				138,000	150,000	150,000	165,000	165,000	-	768,000

Project status and completed work

Projects identified in 2016 will be designed and constructed in 2017.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

No significant impact to operating expense.

Map/Pictures of Project



Priority Score

Project Manager:

James Tock

Program:

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **TR-018**

Project Description **Traffic Signal Modernization, Lacey & Woodcreek**

Project summary, justification and alignment to Strategic Plan

This project will completely replace the traffic signals and install an interconnect cable to the intersection of Butterfield Rd. and LLOYD Ave. The current system has been in place for over fifteen years.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X	270,000						270,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		270,000	-	-	-	-	-	270,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼	270,000						270,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		270,000	-	-	-	-	-	270,000

Project status and completed work

Design completed in 2013; implementation scheduled for 2017.

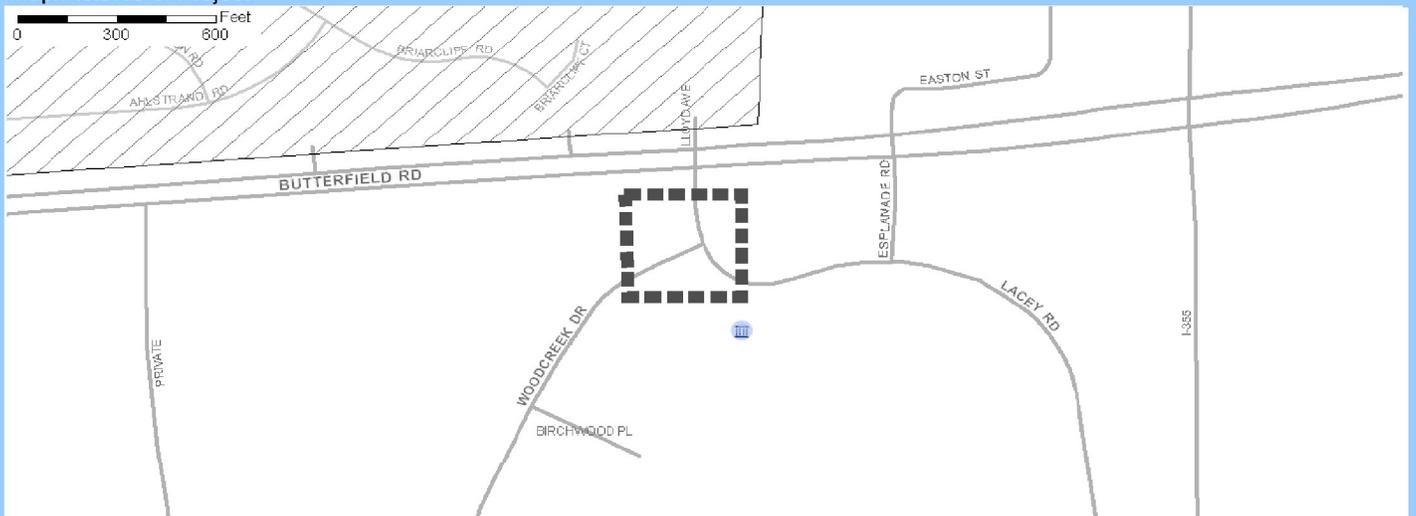
Grants (funded or applied for) related to the project

Staff will explore potential grants for this work.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will reduce operational costs by reducing potential repair costs.

Map/Pictures of Project



Priority Score **A**

Project Manager:

John Welch

Program: **344**

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **TR-023**

Project Description Pavement Striping Maintenance

Project summary, justification and alignment to Strategic Plan

Striping throughout the Village must be maintained on a regular basis. In addition, parking stripes in the downtown area must be replaced every three years.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X	50,000	50,000	50,000	50,000	55,000		255,000
TOTAL COST		50,000	50,000	50,000	50,000	55,000	-	255,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼	50,000	50,000	50,000	50,000	55,000		255,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		50,000	50,000	50,000	50,000	55,000	-	255,000

Project status and completed work

Striping will be replaced at various locations throughout the Village in 2017.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project

Priority Score A

Project Manager: John Welch

Program: 344 Department: Public Works

2017-2021 Capital Project Sheet

Project # **TR-024**

Project Description **Neighborhood Traffic Study**

Project summary, justification and alignment to Strategic Plan

The purpose of a Neighborhood Traffic Study is to thoroughly study a neighborhood with the goal of mitigating issues of travel speed, cut-through traffic, pedestrian/traffic conflicts, intersection controls, street network performance, and overall neighborhood safety issues. The outcome of this study will be a set of recommendations that will improve intersection controls for this neighborhood.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services	X	30,000	60,000	60,000	65,000	65,000		280,000
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		30,000	60,000	60,000	65,000	65,000	-	280,000

Funding Source(s)								
220-Capital Improvements Fund	▼	30,000	60,000	60,000	65,000	65,000		280,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		30,000	60,000	60,000	65,000	65,000	-	280,000

Project status and completed work

Area 2 was completed in early 2013. Area 3 was completed in early 2014. Area 4 started in late 2014 and was completed in 2015. Area 5 was completed in 2016.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will have no significant impact on the operating budget.

Map/Pictures of Project

Priority Score **C**

Project Manager: **John Welch**

Program: **344** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **TR-026**

Project Description **Traffic Signal Modernization, Finley Rd. at Finley Mall**

Project summary, justification and alignment to Strategic Plan

This project would completely replace the traffic signals adjacent to Finley Mall and install a modernized interconnection with the signal at Butterfield Rd. and Finley Rd. The current system has been in place for over twenty years.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X		260,000					260,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		-	260,000	-	-	-	-	260,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼		260,000					260,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	260,000	-	-	-	-	260,000

Project status and completed work
Construction is anticipated in 2018.

Grants (funded or applied for) related to the project
Staff will explore potential grants for this work.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will reduce operational costs by reducing potential repair costs.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **344** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **TR-027**

Project Description **Fiber Optic Cable - Main/Maple to Fire Station #2**

Project summary, justification and alignment to Strategic Plan

To provide the communications for a remote traffic signal and emergency vehicle pre-emption (EVP) monitoring system. This is the missing segment that is proposed to connect the Main Street traffic signals back to Village facilities and allow monitoring and managing of the signal and EVP operation from a remote location. The project would consist of fiber-optic cable installation to make a folded loop with Village Hall. Controller video equipment is needed to make the system fully operational.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services			15,000					15,000
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment	X		50,000					50,000
Other/Miscellaneous								-
TOTAL COST		-	65,000	-	-	-	-	65,000

Funding Source(s)								
220-Capital Improvements Fund	▼		65,000					65,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	65,000	-	-	-	-	65,000

Project status and completed work

This work is expected to be performed in 2018.

Grants (funded or applied for) related to the project

Staff will explore potential grants for this work.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Project is expected to reduce monthly maintenance costs through more efficient office management of field traffic conditions. Traffic delays are anticipated to also be reduced, as problems/issues would be identified quickly through video monitoring.

Map/Pictures of Project

Priority Score

Project Manager:

Program: Department:

2017-2021 Capital Project Sheet

Project # **TR-029**

Project Description Traffic Signal - Ogden Ave and Lacey Rd

Project summary, justification and alignment to Strategic Plan

Design and construct a traffic signal at the intersection of Ogden Avenue and Lacey Road.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services	X		40,000					40,000
Land Acquisition								-
Infrastructure	X			400,000				400,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		-	40,000	400,000	-	-	-	440,000

Funding Source(s)								
110-Ogden TIF Fund	▼		40,000	400,000				440,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	40,000	400,000	-	-	-	440,000

Project status and completed work

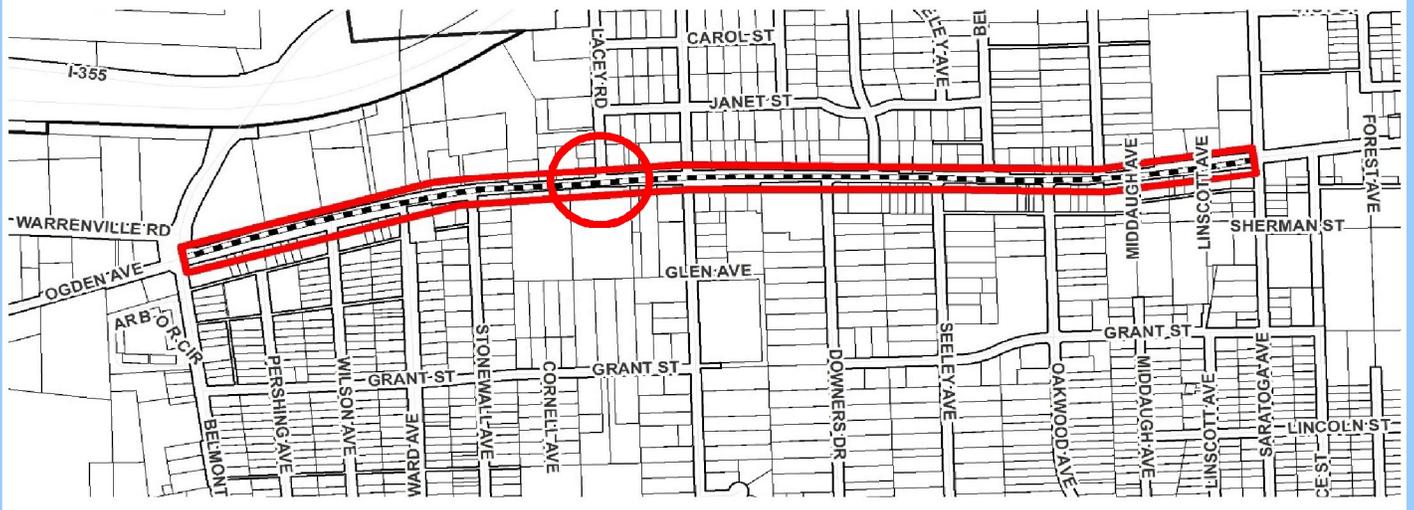
Design is expected to be completed in 2018 with installation occurring in 2019.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:				1,900	1,900	1,900	5,700

Operation expenses include costs for electricity and Opticom maintenance.

Map/Pictures of Project



Priority Score

Project Manager:

Program: Department:

2017-2021 Capital Project Sheet

Project # **BW-005**

Project Description **31st Street Bike Path**

Project summary, justification and alignment to Strategic Plan

This project represents the Village's portion of a DuPage County bike path project, which would extend along 31st Street, from Highland Ave. to Meyers Rd.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X		87,500	87,500				175,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		-	87,500	87,500	-	-	-	175,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼		87,500	87,500				175,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	87,500	87,500	-	-	-	175,000

Project status and completed work

The County is currently in the design process.

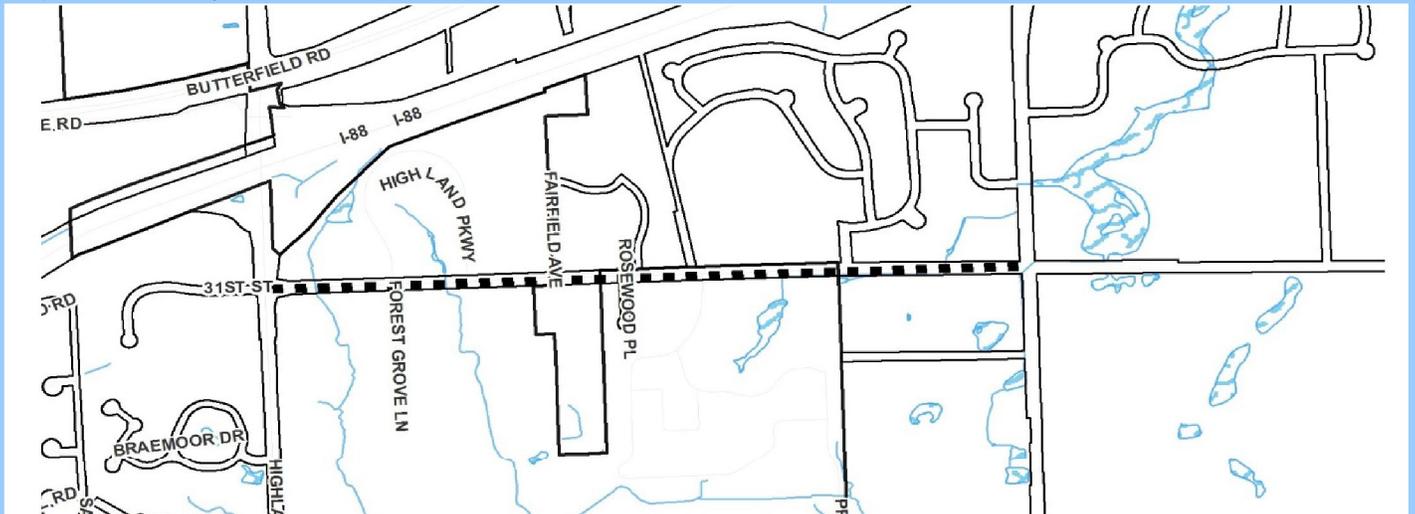
Grants (funded or applied for) related to the project

Grant received for STP, ITFP 50/50 split with DuPage County. \$175,000 requested is the Village's portion of the cost-share.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Impact on the operating budget will be determined after the project is designed.

Map/Pictures of Project



Priority Score **C**

Project Manager: **Nan Newlon**

Program: **345** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **BW-007**

Project Description Bicycle and Pedestrian Improvements

Project summary, justification and alignment to Strategic Plan

This project will entail the addition of bicycle parking facilities and pedestrian walkways at and around the Village's three train stations.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment										-
Other/Miscellaneous	X				100,000					100,000
TOTAL COST				-	100,000	-	-	-	-	100,000

Funding Source(s)	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund ▼					30,000					30,000
Grants/Other Sources, Anticipated ▼					70,000					70,000
▼										-
▼										-
TOTAL FUNDING SOURCES				-	100,000	-	-	-	-	100,000

Project status and completed work
 Staff will pursue grants and possibly begin work in 2017.

Grants (funded or applied for) related to the project
 Staff will pursue grants if available.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Impact on operating expenses is anticipated to be minimal.

Map/Pictures of Project



Priority Score

Project Manager:
 Program: Department:

Nan Newlon
 Public Works

2017-2021 Capital Project Sheet

Project # **BW-008**

Project Description **Grade-Separated Pedestrian Crossing**

Project summary, justification and alignment to Strategic Plan

This project would involve the design and construction of a grade-separated pedestrian crossing, between the Forest Ave. crossing and the Belmont underpass.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services	X		125,000					125,000
Land Acquisition								-
Infrastructure	X			4,000,000				4,000,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		-	125,000	4,000,000	-	-	-	4,125,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund		125,000	400,000				525,000
Grants/Other Sources, Anticipated			3,600,000				3,600,000
							-
							-
TOTAL FUNDING SOURCES	-	125,000	4,000,000	-	-	-	4,125,000

Project status and completed work

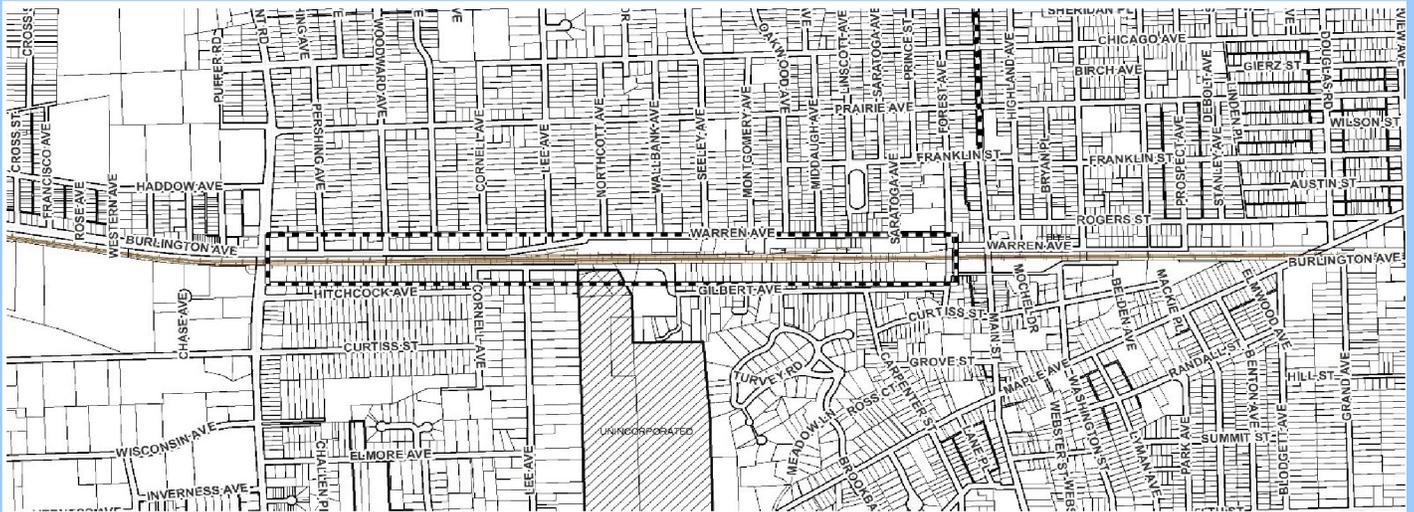
A preliminary study was completed in 2014. Phase I design will occur upon securing grant funding.

Grants (funded or applied for) related to the project

Staff will identify potential grant opportunities for this project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Map/Pictures of Project



Priority Score **C**

Project Manager: **John Welch**

Program: **345** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **P-010**

Project Description **Parking Lot Improvements, Annual Element**

Project summary, justification and alignment to Strategic Plan

The amount shown establishes an annualized maintenance cost for such services as: crack sealing, striping, resurfacing, etc. Years without an amount shown on this sheet have expenses identified to specific parking facilities on separate sheets.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment										-
Other/Miscellaneous		X		50,000	55,000	55,000	55,000	55,000		270,000
TOTAL COST				50,000	55,000	55,000	55,000	55,000	-	270,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
471-Parking Fund	50,000	55,000	55,000	55,000	55,000		270,000
							-
							-
							-
TOTAL FUNDING SOURCES	50,000	55,000	55,000	55,000	55,000	-	270,000

Project status and completed work

Annual project.

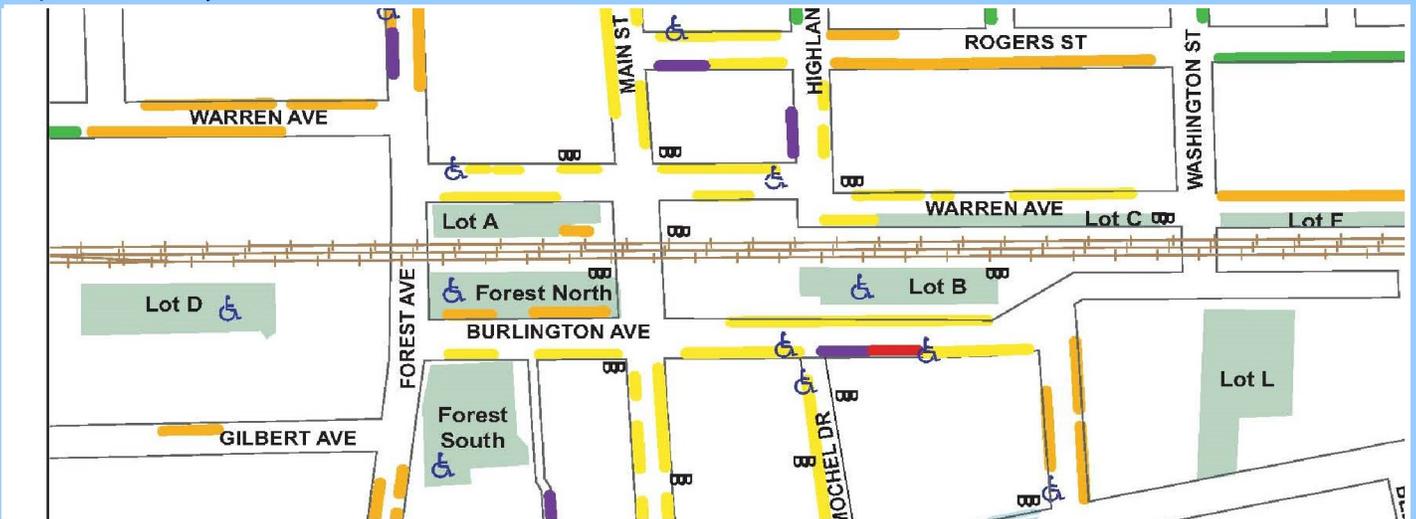
Grants (funded or applied for) related to the project

Varies but would be shown on sheets specific to a facility.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The maintenance scheduled will increase the life of the pavement. Deferral of work will significantly increase future maintenance costs.

Map/Pictures of Project



Priority Score **A**

Project Manager:

John Welch

Program: **394**

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **P-013**

Project Description **Parking Deck Maintenance**

Project summary, justification and alignment to Strategic Plan

The amount shown establishes an annualized maintenance cost for such services as: painting, resealing, tuck-pointing, etc.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services	X							-
Land Acquisition								-
Infrastructure								-
Building	X	115,000	105,000	100,000	50,000	50,000	6,500,000	6,920,000
Machinery/Equipment								-
Other/Miscellaneous	X							-
TOTAL COST		115,000	105,000	100,000	50,000	50,000	6,500,000	6,920,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
471-Parking Fund	115,000	105,000	100,000	50,000	50,000	6,500,000	6,920,000
							-
							-
TOTAL FUNDING SOURCES	115,000	105,000	100,000	50,000	50,000	6,500,000	6,920,000

Project status and completed work

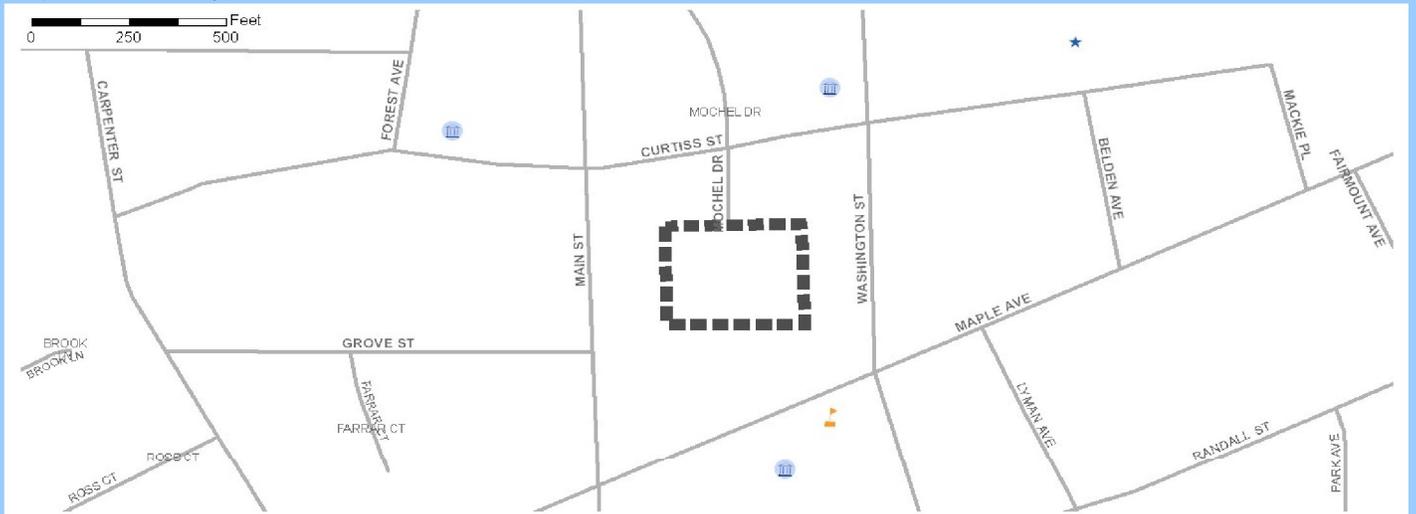
Phase 1 of improvements including facade repairs, removal & replacement of sealant materials, 4th Floor sprinkler system and stairwell work was completed in 2016.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Proper maintenance of the deck reduces the total cost of ownership over the long-term.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **FN-002**

Project Description **Financial Software Replacement**

Project summary, justification and alignment to Strategic Plan

The current financial software, EDEN by Tyler Technologies, was purchased in 2006 with modules such as Accounts Receivable, Accounts Payable, General Ledger, Permitting, Utility Billing, etc. installed in stages. During the last ten years the Village has upgraded network platforms and current modules have to be customized in order to perform satisfactorily. Also during the past ten years financial software has advanced with additional companies providing alternatives. Replacement of financial software with a system stored on the Cloud and with mobility features will be pursued .

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
		Professional Services						
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous			800,000					800,000
TOTAL COST		-	800,000	-	-	-	-	800,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼		800,000					800,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	800,000	-	-	-	-	800,000

Project status and completed work

Tyler's Cashiering module was purchased and installed in 2016.

Grants (funded or applied for) related to the project

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Maintenance on this system is expected to be similar to current software maintenance. Analysis still needs to be done to compare cost of servers required versus cost of storage on the Cloud.

Map/Pictures of Project

Priority Score

Project Manager:

Judy Buttny

Program:

Department:

Finance

2017-2021 Capital Project Sheet

Project # **FO-001**

Project Description **Emerald Ash Borer (EAB) Eradication**

Project summary, justification and alignment to Strategic Plan

This project involves the removal and replacement of ash trees infested with EAB, and the preventative treatment of healthy ash trees. As of May 2016, there were 2,231 parkway ash trees representing 9.66% of the tree inventory. Based on the current level of decline this would result in the removal and replacement of approximately 1,001 ash trees over the next 4 years. The remaining 1,230 ash trees would require preventative treatment.

Cost Summary	New Maintenance Replacement			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
	X	X	X							
Professional Services	X	X	X	233,000	233,000	233,000	127,500		-	826,500
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				233,000	233,000	233,000	127,500	-	-	826,500

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼	233,000	233,000	233,000	127,500			826,500
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		233,000	233,000	233,000	127,500	-	-	826,500

Project status and completed work

Annual Program

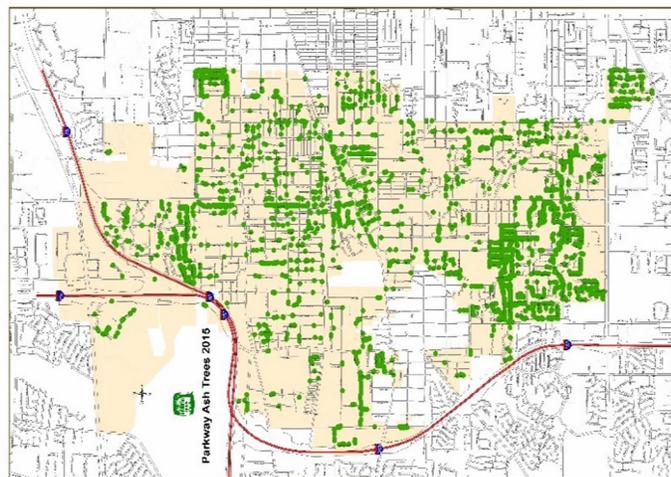
Grants (funded or applied for) related to the project

None

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Ash trees represent a significant percentage of the tree inventory. Deferral of work will significantly increase future tree removal needs, will reduce the parkway tree canopy cover, and will increase the risk of tree failures associated with tree decline and breakage.

Map/Pictures of Project



Priority Score

Project Manager:

Kerstin G. von der Heide

Program: 335

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **ST-004**

Project Description **Roadway Maintenance Program**

Project summary, justification and alignment to Strategic Plan

Capital and Motor Fuel Tax funds are used for ongoing annual maintenance of the Village's 160 miles of streets. Projects are designed to utilize various processes such as crack seals, pavement seals and resurfacing with new asphalt. The funding listed as 'Other/Miscellaneous' is for asphalt purchased and rental of equipment, such as a grinder to be used by Public Works Streets Division for various patching operations during the year.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL	
									Professional Services
Land Acquisition									-
Infrastructure	X	4,134,850	4,380,000	4,750,000	4,900,000	4,900,000		23,064,850	
Building									-
Machinery/Equipment									-
Other/Miscellaneous	X	120,000	125,000	130,000	135,000	140,000		650,000	
TOTAL COST		4,334,850	4,590,000	4,965,000	5,125,000	5,130,000	-	24,144,850	

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼	3,139,850	3,460,000	3,835,000	3,995,000	4,000,000		18,429,850
102-MFT	▼	1,195,000	1,130,000	1,130,000	1,130,000	1,130,000		5,715,000
	▼							-
	▼							-
TOTAL FUNDING SOURCES		4,334,850	4,590,000	4,965,000	5,125,000	5,130,000	-	24,144,850

Project status and completed work

Annual Program.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The maintenance scheduled will increase the life of the pavement. Deferral of work will significantly increase future maintenance costs.

Map/Pictures of Project



Priority Score **A**

Project Manager: **Scott Barr**

Program: **342** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **ST-025**

Project Description **Street Reconstruction; Brookbank Rd, 59th to 60th St.**

Project summary, justification and alignment to Strategic Plan

This project includes the reconstruction of Brookbank Rd, from 59th Street to 60th Street. Included in this work is the extension northward of the boulevard cross section, which begins at 63rd Street.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services			65,000					65,000
Land Acquisition								-
Infrastructure	X		420,000					420,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		-	485,000	-	-	-	-	485,000

Funding Source(s)								
220-Capital Improvements Fund	▼		485,000					485,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	485,000	-	-	-	-	485,000

Project status and completed work	Grants (funded or applied for) related to the project.
It is anticipated that project will commence in 2018.	None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The reconstruction of these roads will initially reduce current maintenance costs by eliminating the need for emergency patching, extra sweeping and removal of aggregate after snow plow operations.

Map/Pictures of Project



Priority Score **B**

Project Manager:

John Welch

Program: **342**

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **ST-029**

Project Description **Grade Separation - Downtown/Fairview Area**

Project summary, justification and alignment to Strategic Plan

Study to determine the feasibility of a future grade separation project in the downtown or Fairview Area.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services	X								500,000	500,000
Land Acquisition	X								500,000	500,000
Infrastructure		X							15,000,000	15,000,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				-	-	-	-	-	16,000,000	16,000,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
220-Capital Improvements Fund						16,000,000	16,000,000
							-
							-
TOTAL FUNDING SOURCES	-	-	-	-	-	16,000,000	16,000,000

Project status and completed work

The feasibility study was conducted in 2014. Future work will be grant dependent.

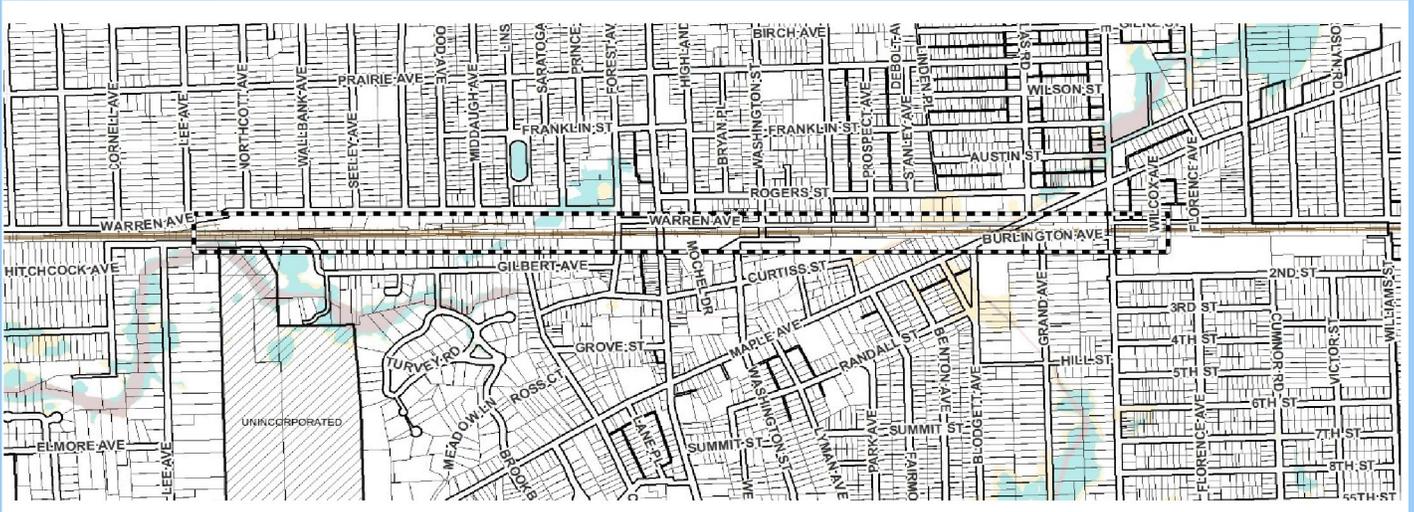
Grants (funded or applied for) related to the project.

Staff will identify potential grant opportunities for this work.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Construction will not occur in FY15-FY19. Impact on the operating budget will be determined after the project is designed.

Map/Pictures of Project



Priority Score **C**

Project Manager: **John Welch**

Program: **342** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **ST-036**

Project Description **Roadway Resurfacing (LAFO), Finley, Butterfield to Village limits**

Project summary, justification and alignment to Strategic Plan

This project includes the resurfacing of Finley Road, from Butterfield Road to the Village limits.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		5,000						5,000
Land Acquisition								-
Infrastructure	X	265,000						265,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		270,000	-	-	-	-	-	270,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	67,500						67,500
Grants/Other Sources, Approved	202,500						202,500
							-
							-
TOTAL FUNDING SOURCES	270,000	-	-	-	-	-	270,000

Project status and completed work

Design completed in 2016, with construction expected in 2017.

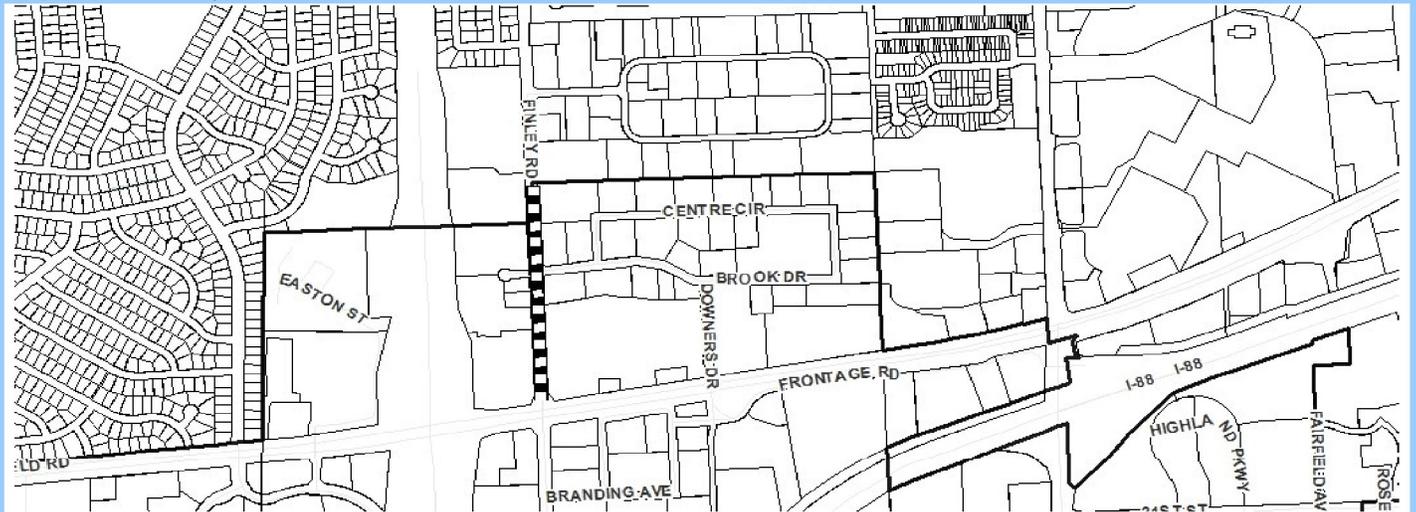
Grants (funded or applied for) related to the project.

STP grant funding has been approved.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The reconstruction of these roads will initially reduce current maintenance costs by eliminating the need for emergency patching, extra sweeping and removal of aggregate after snow plow operations.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **342**

Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **ST-038**

Project Description **Roadway Resurfacing (LAFO), Dunham, 55th to 63rd**

Project summary, justification and alignment to Strategic Plan

This project includes the resurfacing of Dunham Road, from 55th Street to 63rd Street.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		10,000						10,000
Land Acquisition								-
Infrastructure	X	390,000						390,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		400,000	-	-	-	-	-	400,000
Funding Source(s)								
220-Capital Improvements Fund	▼	100,000						100,000
Grants/Other Sources, Approved	▼	300,000						300,000
	▼							-
	▼							-
TOTAL FUNDING SOURCES		400,000	-	-	-	-	-	400,000

Project status and completed work

Design completed in 2016, with construction expected in 2017.

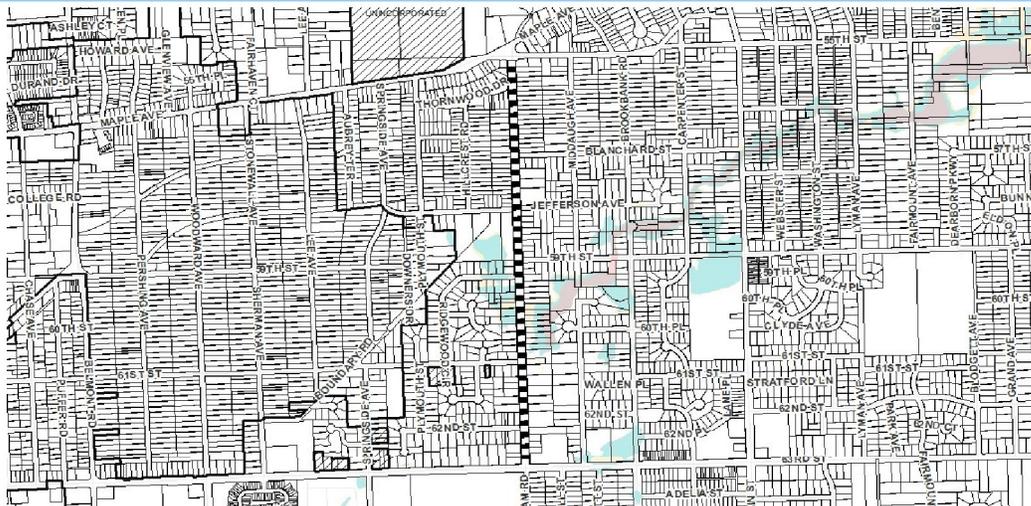
Grants (funded or applied for) related to the project.

STP grant funding has been approved.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The reconstruction of these roads will initially reduce current maintenance costs by eliminating the need for emergency patching, extra sweeping and removal of aggregate after snow plow operations.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **342** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **ST-047**

Project Description **Roadway Resurfacing (LAFO), Maple Ave, Dunham to Fairview**

Project summary, justification and alignment to Strategic Plan

This project includes the resurfacing of Maple Avenue, from Main Street to Fairview Avenue. ST-057 has been combined with this project to take advantage of additional Federal funding. ST-057 included the resurfacing of Maple Avenue from Main Street to Dunham Road.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Land Acquisition								-
Infrastructure	677,000							677,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		687,000	-	-	-	-	-	687,000
Funding Source(s)								
220-Capital Improvements Fund	▼	171,750						171,750
Grants/Other Sources, Approved	▼	515,250						515,250
	▼							-
	▼							-
TOTAL FUNDING SOURCES		687,000	-	-	-	-	-	687,000

Project status and completed work

Design completed in 2016, with construction expected in 2017.

Grants (funded or applied for) related to the project.

STP grant funding has been approved.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The resurfacing of this road will initially reduce current maintenance costs by eliminating the need for emergency patching, extra sweeping and removal of aggregate after snow plow operations.

Map/Pictures of Project



Priority Score

Project Manager:

John Welch

Program: 342

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **ST-049**

Project Description **Roadway Resurfacing (LAFO), Main, Ogden to Franklin**

Project summary, justification and alignment to Strategic Plan

This work includes the resurfacing of Main Street, from Ogden to Franklin.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		30,000						30,000
Land Acquisition								-
Infrastructure	X		900,000					900,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		30,000	900,000	-	-	-	-	930,000
Funding Source(s)								
220-Capital Improvements Fund	▼	30,000	270,000					300,000
Grants/Other Sources, Approved	▼		630,000					630,000
	▼							-
	▼							-
TOTAL FUNDING SOURCES		30,000	900,000	-	-	-	-	930,000

Project status and completed work

Design will occur in 2017, and the work is anticipated to occur in 2018.

Grants (funded or applied for) related to the project.

STP grant funding has been approved.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The reconstruction of this road will initially reduce current maintenance costs by eliminating the need for emergency patching, extra sweeping and removal of aggregate after snow plow operations.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **342** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **ST-050**

Project Description **Guardrail Repair and Replacement**

Project summary, justification and alignment to Strategic Plan

In 2014, the Village studied several areas to determine the need for guardrail repair, removal and/or construction. This work is the implementation of this study.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X X	100,000						100,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		100,000	-	-	-	-	-	100,000

Funding Source(s)								
220-Capital Improvements Fund	▼	100,000						100,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		100,000	-	-	-	-	-	100,000

Project status and completed work

It is anticipated this work will be completed in 2017.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Map/Pictures of Project



Priority Score

Project Manager:

John Welch

Program:

342

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **ST-051**

Project Description **Intersection Improvements at Main St. and 59th St.**

Project summary, justification and alignment to Strategic Plan

This project includes intersection improvements at Main St. and 59th St., with the addition of northbound and southbound left-turn lanes and signal upgrades. The project will be primarily undertaken by DuPage County, with the Village paying for only the phase I Engineering. An STP grant has been received and DuPage County will be paying the entire local match. Funds included here represent only the Village's portion of the cost.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services			50,000	50,000				100,000
Land Acquisition								-
Infrastructure	X							-
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		-	50,000	50,000	-	-	-	100,000
Funding Source(s)								
220-Capital Improvements Fund	▼		50,000	50,000				100,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	50,000	50,000	-	-	-	100,000

Project status and completed work

It is estimated that Phase I engineering will occur in FY2018.

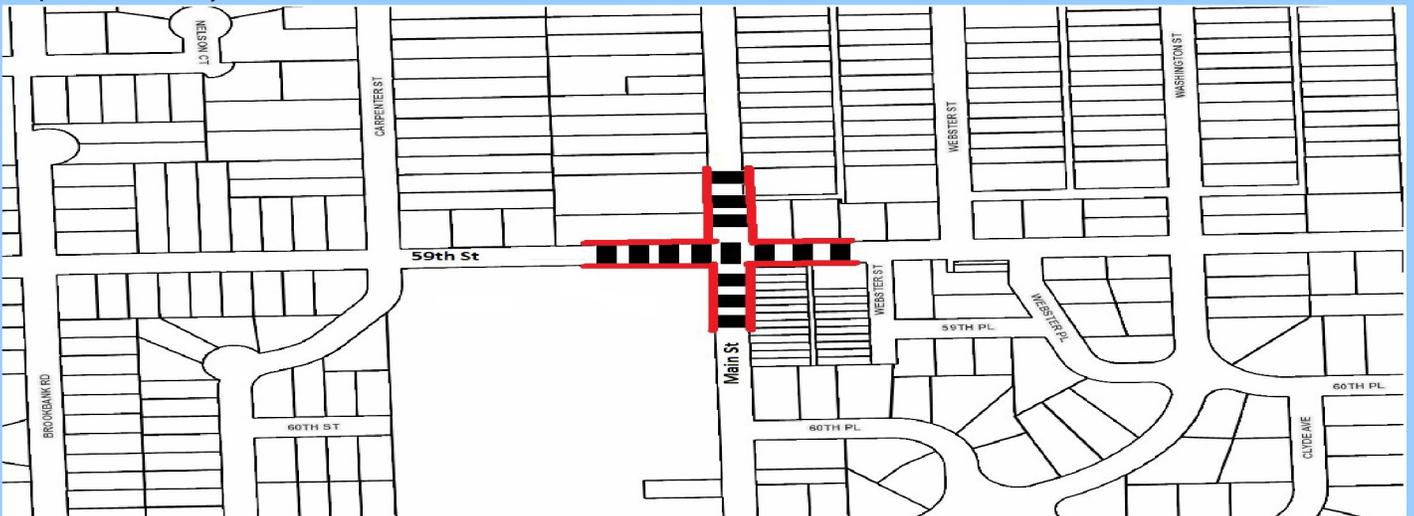
Grants (funded or applied for) related to the project.

An STP grant has been awarded for this project. DuPage County will pay the entire local match. The village will fund Phase I engineering only. Dollar figures shown are for the villages portion of the project only.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

None.

Map/Pictures of Project



Priority Score

Project Manager:

John Welch

Program: 342

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **ST-053**

Project Description **Road Reconstruction - Jay Dr./Webster Ave., north of Valley View Dr**

Project summary, justification and alignment to Strategic Plan

This project includes the reconstruction/resurfacing of Jay Drive, Webster Ave, and resurfacing Lyman Ave north of Valley View Drive.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		20,000						20,000
Land Acquisition								-
Infrastructure	X	600,000						600,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		620,000	-	-	-	-	-	620,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
220-Capital Improvements Fund	▼	620,000						620,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		620,000	-	-	-	-	-	620,000

Project status and completed work

Water mains were replaced in 2016 utilizing IEPA low-interest loan program. Road reconstructed expected in 2017.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The reconstruction of these roads will initially reduce current maintenance costs by eliminating the need for emergency patching, extra sweeping and removal of aggregate after snow plow operations.

Map/Pictures of Project



Priority Score

Project Manager:

John Welch

Program: 342

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **ST-054**

Project Description **Road Reconstruction, Grant St., Prince to Linscott**

Project summary, justification and alignment to Strategic Plan

This project includes the reconstruction of Grant Street, from Prince Street to Linscott Ave.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		10,000						10,000
Land Acquisition								-
Infrastructure	X	285,000						285,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		295,000	-	-	-	-	-	295,000

Funding Source(s)								
220-Capital Improvements Fund	▼	295,000						295,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		295,000	-	-	-	-	-	295,000

Project status and completed work

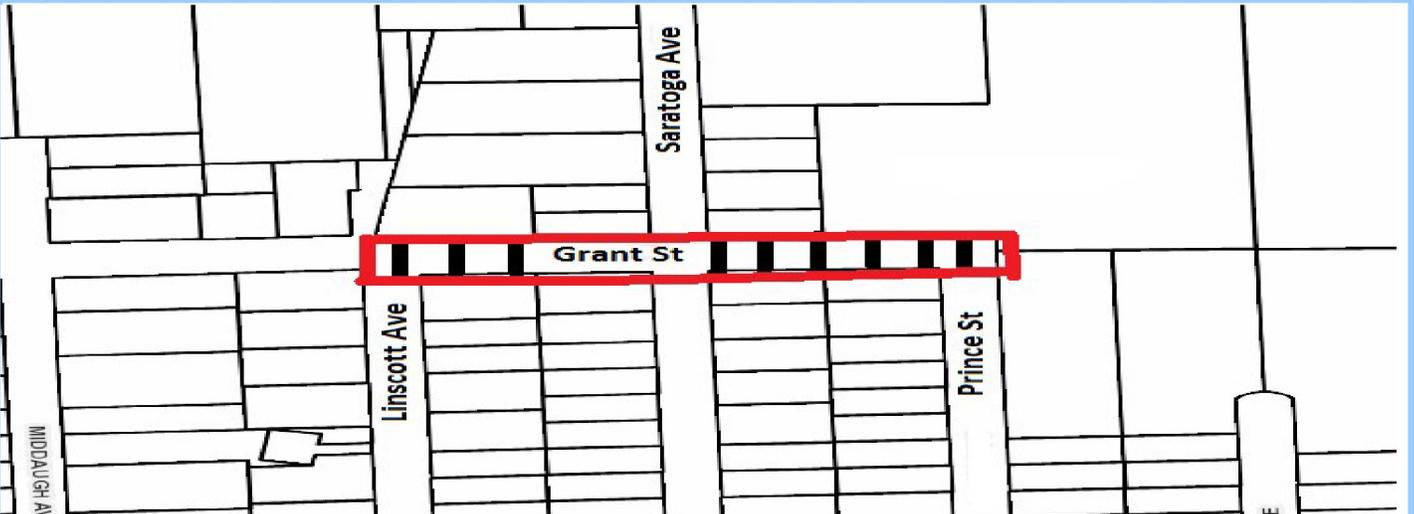
Water main was replaced in 2016. Road reconstruction expected in 2017.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

The reconstruction of these roads will initially reduce current maintenance costs by eliminating the need for emergency patching, extra sweeping and removal of aggregate after snow plow operations.

Map/Pictures of Project



Priority Score

Project Manager:

Program: Department:

2017-2021 Capital Project Sheet

Project # **ST-056**

Project Description **Pavement Condition Assessment Update**

Project summary, justification and alignment to Strategic Plan

In 2010, The Village inspected all of our asphalt streets and prepared a condition assessment report utilizing the MACRO PAVER software. This project would be a full update to that report.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services	X	50,000						50,000
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		50,000	-	-	-	-	-	50,000

Funding Source(s)								
220-Capital Improvements Fund	▼	50,000						50,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		50,000	-	-	-	-	-	50,000

Project status and completed work

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This work will help us maximize our road maintenance dollars, reducing our yearly operating expenses.

Map/Pictures of Project

Priority Score **A**

Project Manager:

Program: **342**

Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **DR-022**

Project Description **Streambank Improvements, St Joseph Creek, South Branch**

Project summary, justification and alignment to Strategic Plan

This project provides for the dredging and stabilization of the South Branch of St. Joseph Creek. Estimated project limits are Fairmount Ave. to Middaugh Ct.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Land Acquisition								-
Infrastructure	X	250,000	60,000	250,000	60,000	255,000	2,025,000	2,900,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous		20,000	20,000	20,000	25,000	25,000		110,000
TOTAL COST		270,000	80,000	270,000	85,000	280,000	2,025,000	3,010,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	270,000	80,000	270,000	85,000	280,000	2,025,000	3,010,000
							-
							-
TOTAL FUNDING SOURCES	270,000	80,000	270,000	85,000	280,000	2,025,000	3,010,000

Project status and completed work

Construction of the first phase of this work, from Fairmount to west of Washington St., was completed in 2013, with maintenance and monitoring of native plantings to continue through 2015. Design of Phase II began in 2016, with recommended improvements anticipated in 2017.

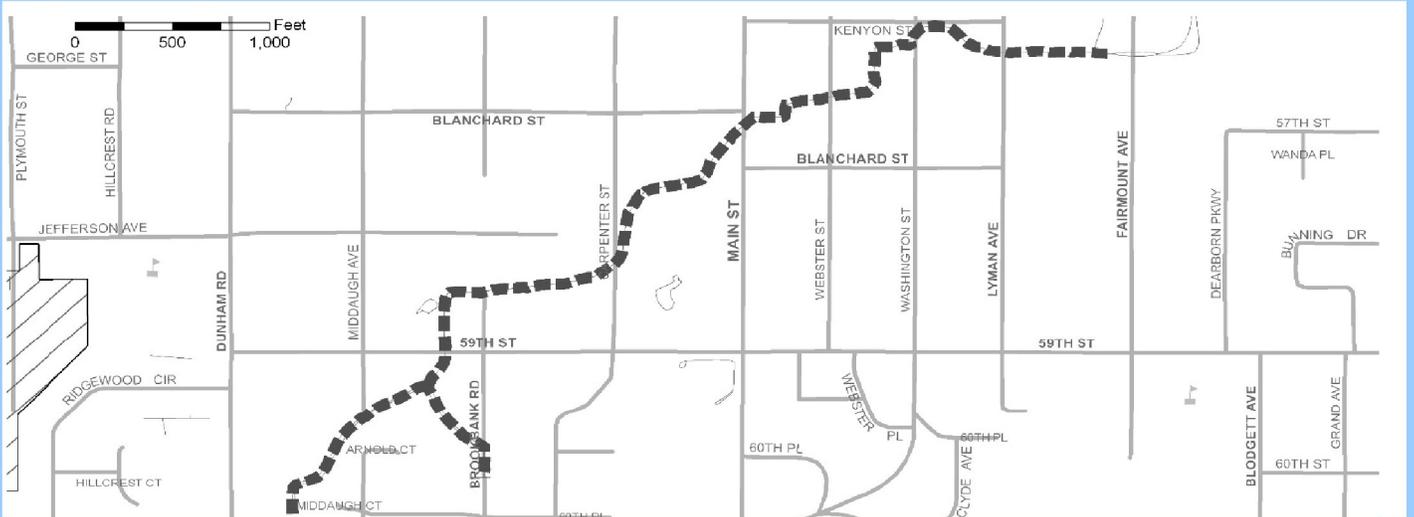
Grants (funded or applied for) related to the project.

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This work will decrease future maintenance expenses by eliminating the need for barricades and temporary stabilization measures.

Map/Pictures of Project



Priority Score **B**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **DR-035**

Project Description Valley View Pond Improvements

Project summary, justification and alignment to Strategic Plan

The purpose of this project is to naturalize the Valley View Estates Pond. Located in Prentiss Creek Subwatershed PR-A, this pond is identified as Problem Area 601 in the Watershed Infrastructure Improvement Plan (WIIP). This Village-owned pond is a regional retention pond receiving flows from the area of the Village located roughly south of 68th St. between Main St. and Fairview Ave.

The pond has been the source of many complaints from adjoining property owners, with the main complaint being water quality. The pond becomes stagnant, contributing to foul odors as well as sedimentation in the pond. Waterfowl are frequent visitors to the pond, and their waste is a factor as well. Nutrient buildup from fertilizer runoff and animal waste along the pond has contributed to eutrophication of the pond, leading to algal blooms and odor complaints. The existing shape of the pond creates stagnant pools on the south side. The basin will be reconfigured and planted with native plants.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X	25,000						25,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		25,000	-	-	-	-	-	25,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	25,000						25,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		25,000	-	-	-	-	-	25,000

Project status and completed work

Construction was completed in 2014. Maintenance and monitoring will continue through 2017.

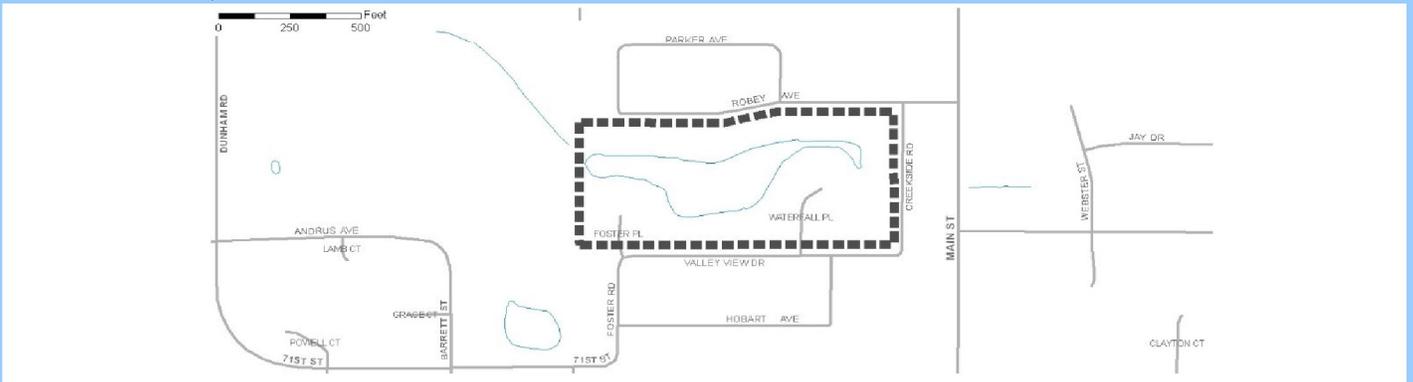
Grants (funded or applied for) related to the project.

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Algae clean-up and future dredging costs will be significantly alleviated or eliminated by this project.

Map/Pictures of Project



Priority Score A

Project Manager: John Welch

Program: 394 Department: Public Works

2017-2021 Capital Project Sheet

Project # **DR-039**

Project Description

Prentiss Creek (Sub E), Kensington Place Online Storage

Project summary, justification and alignment to Strategic Plan

Improvements are included in the Watershed Infrastructure Improvement Plan. This project involves the naturalization and stabilization of Prentiss Creek within the Kensington Place Subdivision. The creek was originally dredged at this location by the developer, but significant siltation and erosion has created very shallow water pockets and contributed to poor water quality. The creek channel will be re-established through this area, the banks will also be stabilized and planted with native plants.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure		X		5,000						5,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				5,000	-	-	-	-	-	5,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
443-Stormwater Fund	▼	5,000						5,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		5,000	-	-	-	-	-	5,000

Project status and completed work

Design and construction began in 2012 and was completed in 2014. Maintenance and monitoring will extend through 2017.

Grants (funded or applied for) related to the project.

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:		5,000	5,000				10,000

Planned improvements will not significantly affect the future operating expenses.

Map/Pictures of Project



Priority Score B

Project Manager: John Welch

Program: 394 Department: Public Works

2017-2021 Capital Project Sheet

Project # **DR-040**

Project Description **Watershed Improvements, Lacey, Sub G**

Project summary, justification and alignment to Strategic Plan

Improvements included in the Watershed Infrastructure Improvement Plan. This project includes the replacement of approximately 1,000 linear feet of wooden retaining walls which were not included in the Lacey Creek Restoration project completed in 2001. The replacement walls may be segmental block (e.g. Keystone) or textured/colored concrete. To save costs and restore the natural status of the stream corridor, elimination of the walls is being considered where adequate right of way or easement is available or obtainable. This project was numbered SW-007 until 2010.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X						14,902,000	14,902,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X	10,000						10,000
TOTAL COST		10,000	-	-	-	-	14,902,000	14,912,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	10,000					14,902,000	14,912,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		10,000	-	-	-	-	14,902,000	14,912,000

Project status and completed work

Phase one of the project was completed in spring 2011. Phase 2 was completed in 2015 with the final phase completed in 2016.

Grants (funded or applied for) related to the project.

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project



Priority Score

B

Project Manager:

John Welch

Program:

394

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **SW-051**

Project Description **Neighborhood Drainage Improvements Cost-Share Program**

Project summary, justification and alignment to Strategic Plan

This project funds the Village Council Policy entitled "Maintenance of Stormwater Control Structures & Creek Channels" which outlines a cost-share program between private property owners and the Village. The policy has been drafted to allow Village staff to take a more proactive approach in addressing neighborhood private-property drainage problems.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X	60,000	60,000	65,000	65,000	70,000		320,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		60,000	60,000	65,000	65,000	70,000	-	320,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	60,000	60,000	65,000	65,000	70,000		320,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		60,000	60,000	65,000	65,000	70,000	-	320,000

Project status and completed work

Ongoing program.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect the future operating expenses.

Map/Pictures of Project



Priority Score **B**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **SW-053**

Project Description **Drainage Improvements, Clyde Estates**

Project summary, justification and alignment to Strategic Plan

This project includes the installation of drainage improvements throughout the Clyde Estates Subdivision. Currently, this area is served by very flat roadside ditches and no significant rear-yard drainage system. This project was numbered DR-002 until 2010.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X	10,000						10,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		10,000	-	-	-	-	-	10,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	10,000						10,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		10,000	-	-	-	-	-	10,000

Project status and completed work

Major construction is anticipated to be completed in 2015. 2016 work included bio-swale planting and maintenance. 2017 expenditures will include maintenance and monitoring of bio-swale plantings.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Expense of road repairs and drainage work will be significantly reduced. Yearly maintenance of stormwater management area should be minimal after establishment.

Map/Pictures of Project



Priority Score **B**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **SW-057**

Project Description Headwall Replacement, Gilbert and Brookbank

Project summary, justification and alignment to Strategic Plan

This project involves capital maintenance to replace the deteriorating headwall and grate structure on St. Joseph's Creek on the north side of Gilbert Avenue at Brookbank Road. This project was numbered DR-026 until 2010.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		10,000						10,000
Land Acquisition								-
Infrastructure	X	50,000						50,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		60,000	-	-	-	-	-	60,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	60,000						60,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		60,000	-	-	-	-	-	60,000

Project status and completed work

Construction is anticipated in 2017, pending easement agreements are obtained.

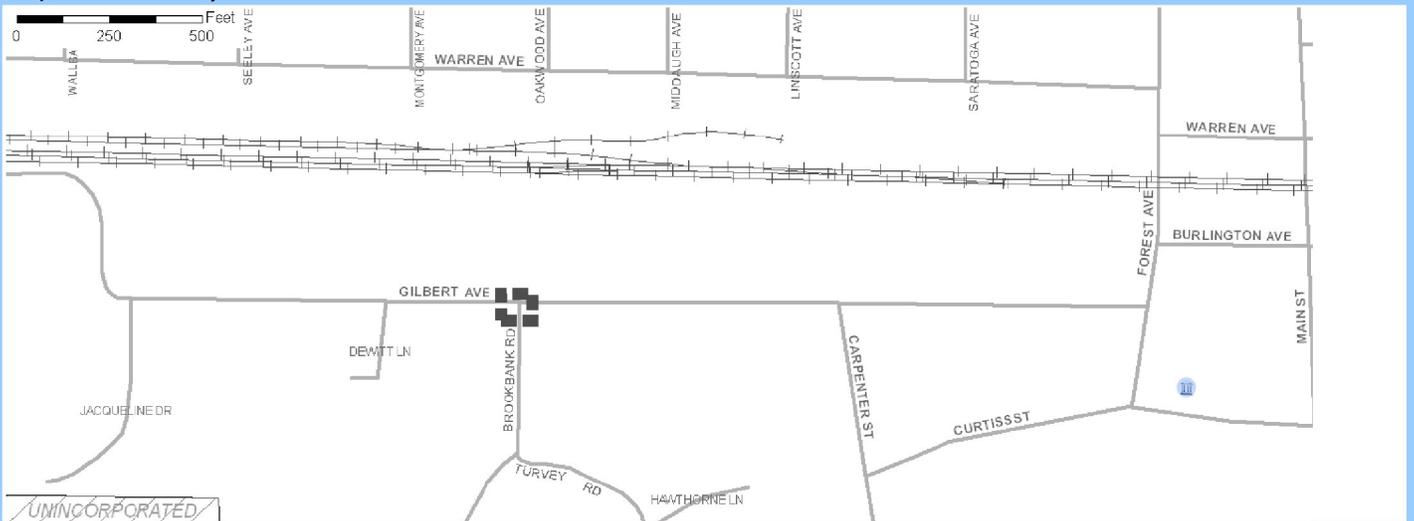
Grants (funded or applied for) related to the project.

None.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will reduce the need for frequent maintenance and cleaning.

Map/Pictures of Project



Priority Score A

Project Manager: John Welch

Program: 347 Department: Public Works

2017-2021 Capital Project Sheet

Project # **SW-067**

Project Description

Lacey Creek (Sub G) - 35th St. between Saratoga and Venard

Project summary, justification and alignment to Strategic Plan

Improvements are included in the Watershed Infrastructure Improvement Plan. This project involves streambank stabilization from 35th St. to Hickory Court, along with modifications to flow restrictions and improved storm sewers along 35th St. between Saratoga Ave. and Venard Ave.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
							Years	
Professional Services							60,000	60,000
Land Acquisition								-
Infrastructure	X						375,000	375,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		-	-	-	-	-	435,000	435,000

Funding Source(s)

443-Stormwater Fund	▼						435,000	435,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	-	-	-	-	435,000	435,000

Project status and completed work

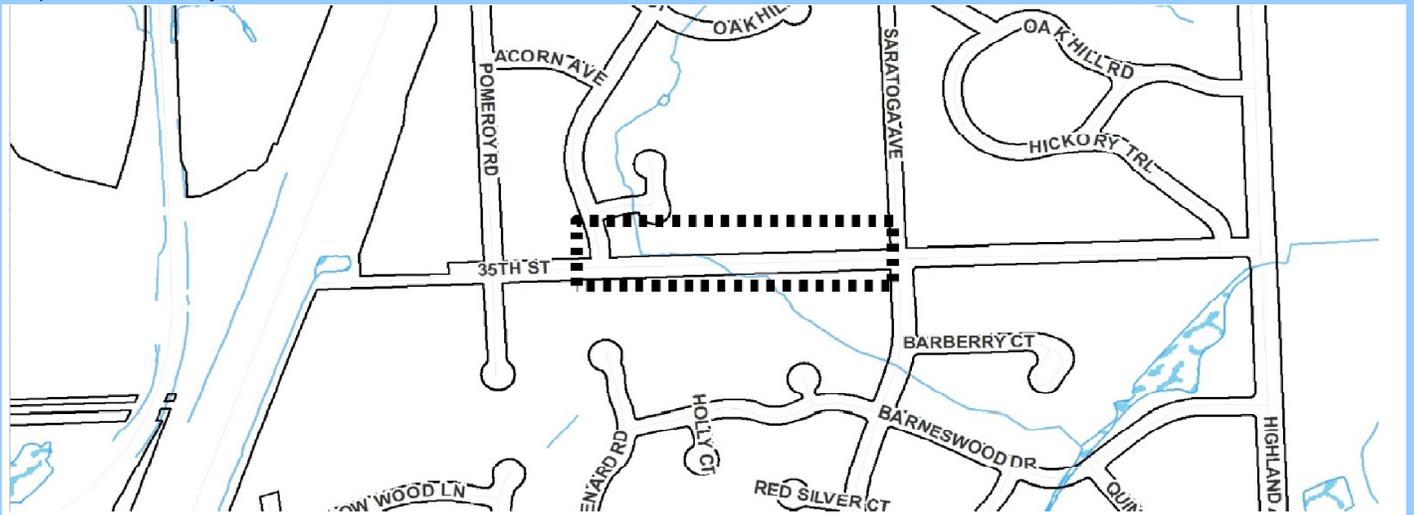
Design of Phases I and II of the identified improvements was completed in 2012. Construction of Phase I is anticipated in 2013, with Phase II being completed in 2014. Maintenance and monitoring continued through 2016. Future work will be performed in the upstream watershed as streets are resurfaced.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project



Priority Score **B**

Project Manager:

John Welch

Program: **394** Department:

Public Works

Project Description

Green Streets/Sustainable Storm Water Program

Project summary, justification and alignment to Strategic Plan

It is the Village's ultimate goal is to provide a storm sewer connection within 200' of every property. For many properties, however, such an improvement is many years in the future, as additional detention storage or significant downstream storm sewer improvements are required. This program is a cost-effective and environmentally-responsible way to deal with nuisance drainage problems in areas with no drainage system, while helping the Village comply with the pollution-prevention/good housekeeping aspects of the federally-mandated NPDES requirements for MS4 communities. These improvements will likely include small diameter low-flow piping, on-site bio-retention facilities, rain gardens, etc. It is anticipated that the cost and long-term maintenance responsibilities associated with these improvements would be shared by the property owners, similar to the existing cost-share program.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X	50,000	50,000	55,000	55,000	55,000		265,000
TOTAL COST		65,000	65,000	70,000	70,000	70,000	-	340,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	65,000	65,000	70,000	70,000	70,000		340,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		65,000	65,000	70,000	70,000	70,000	-	340,000

Project status and completed work

Ongoing program.

Grants (funded or applied for) related to the project.

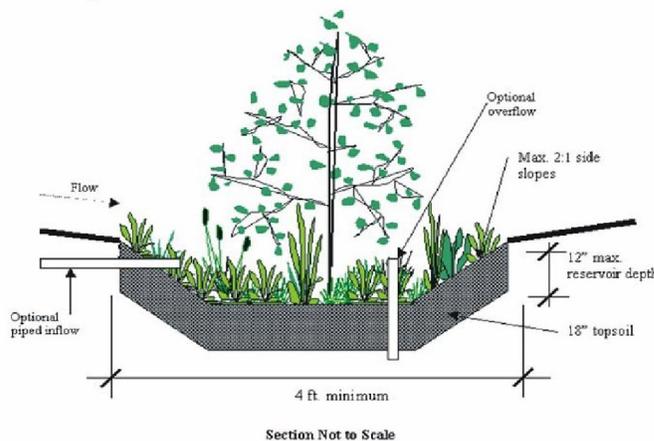
Staff will continue to investigate grant opportunities.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:	750	750	750	750			3,000

Operating and maintenance costs unknown until design of each specific improvement is completed. It is estimated that the impact will be minimal, as we plan to engage residents to assist with care and maintenance of plantings, etc.

Map/Pictures of Project

Landscape Infiltration



Source: US Environmental Protection Agency

Priority Score **B**

Project Manager: John Welch

Program: 394 Department: Public Works

2017-2021 Capital Project Sheet

Project # **SW-070**

Project Description **Storm Sewer Replacement, Annual Element**

Project summary, justification and alignment to Strategic Plan

This project accounts for future annual replacement of existing storm sewers, which have reached the end of their useful life. As individual projects are identified, project sheets are created and the amounts herein are reduced accordingly.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
		Professional Services						
Land Acquisition								-
Infrastructure	X	500,000	500,000	550,000	550,000	600,000		2,700,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		500,000	500,000	550,000	550,000	600,000	-	2,700,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	500,000	500,000	550,000	550,000	600,000		2,700,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		500,000	500,000	550,000	550,000	600,000	-	2,700,000

Project status and completed work

Ongoing Program.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Impact on the operating budget will be determined after the project is designed.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **SW-073**

Project Description

Downtown Water Quality Improvements

Project summary, justification and alignment to Strategic Plan

The Downtown Business District is nearly all impervious surface (pavement, roof, etc.) and drains directly into St. Joseph's Creek. Currently, pollutants, debris and sediment can get carried directly into the stream system, suspended in storm water run-off from this area. It is anticipated that this project would involve the construction of structural Best Management Practices (BMP's) to reduce the discharge of pollutants and suspended solids into St. Joseph Creek, and to facilitate sediment removal. These will also help the Village comply with the federally-mandated NPDES requirements for MS4 communities.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services				10,000						10,000
Land Acquisition										-
Infrastructure		X		135,000				50,000	100,000	285,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous					1,500	1,500	1,500			4,500
TOTAL COST				145,000	1,500	1,500	1,500	50,000	100,000	299,500

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	10,000	1,500	1,500	1,500	50,000	100,000	164,500
Grants/Other Sources, Approved	31,800						31,800
Grants/Other Sources, Anticipated	103,200						103,200
							-
TOTAL FUNDING SOURCES	145,000	1,500	1,500	1,500	50,000	100,000	299,500

Project status and completed work

Work will continue on the design and construction of structural BMPs within the storm drainage system in the Downtown Business District. These will be constructed over a several year period or as facilitated by street reconstruction and/or grant opportunities. 2016 work included the design of a vertical water quality feature on Mochel Dr., with construction anticipated in 2017.

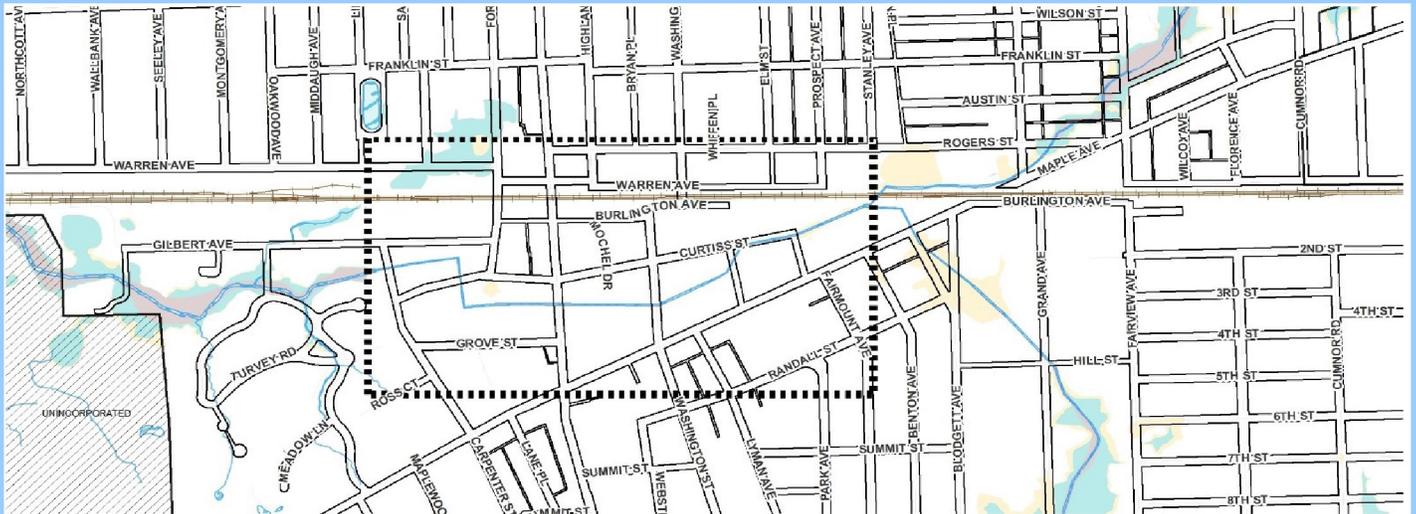
Grants (funded or applied for) related to the project.

A grant from DuPage County has been received for 23% of the cost of the vertical water quality feature. Staff will seek additional grant opportunities.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Will have minimal impact on operating expenses.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **SW-080**

Project Description **Identified Future Drainage and Floodplain Improvements**

Project summary, justification and alignment to Strategic Plan

This work will include the design and construction of identified future drainage improvements in both local drainage areas and within floodplains, as identified in the Staff Report on the April 18, 2013 flood event, and in the 2014 Stormwater Project Analysis Final Report. Projects will be prioritized and budgeted for construction in future CIP's.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services	X	250,000	250,000	250,000	250,000	250,000	750,000	2,000,000
Land Acquisition								-
Infrastructure		2,250,000	2,250,000	2,250,000	2,250,000	2,250,000	3,750,000	15,000,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	4,500,000	17,000,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
443-Stormwater Fund	▼	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	4,500,000	17,000,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	4,500,000	17,000,000

Project status and completed work

Analysis completed in 2014. Preliminary engineering will continue in 2017 and 2018 with potential purchase of easements and property. Construction anticipated to begin in 2017.

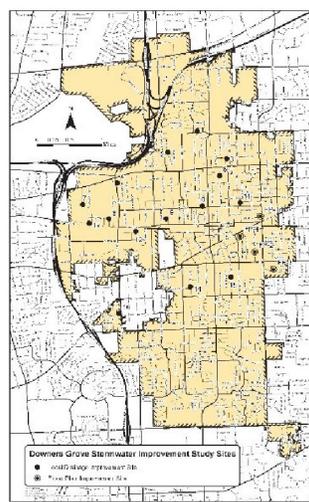
Grants (funded or applied for) related to the project.

Staff will look for possible grant opportunities.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Impact on the operating budget will be determined after the projects are designed.

Map/Pictures of Project



Priority Score

Project Manager:

John Welch

Program: 394

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WA-006**

Project Description

Watermain Replacement, Maple Ave & 55th Street

Project summary, justification and alignment to Strategic Plan

This project includes the lining of the feeder main on 55th Street between Blodgett and Fairview. This work is necessary due to the number of watermain breaks being experienced along this line.

Cost Summary	New	Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services									-
Land Acquisition									-
Infrastructure		X	750,000						750,000
Building									-
Machinery/Equipment									-
Other/Miscellaneous									-
TOTAL COST			750,000	-	-	-	-	-	750,000

Funding Source(s)									
481-Water Fund	▼		750,000						750,000
	▼								-
	▼								-
	▼								-
TOTAL FUNDING SOURCES			750,000	-	-	-	-	-	750,000

Project status and completed work

Construction is anticipated in 2017.

Grants (funded or applied for) related to the project.

None.

Impact-annual operating expenses	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Future Yrs	TOTAL
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Projected Operating Expense Impact:							-
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This project will reduce operating expenses by eliminating the need for costly emergency repairs on the old watermain.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **WA-028**

Project Description **Watermain Replacement, Annual Element**

Project summary, justification and alignment to Strategic Plan

This project accounts for annual watermain replacements.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
		Professional Services						
Land Acquisition								-
Infrastructure	X	3,000,000	3,000,000	2,500,000	2,500,000	2,000,000		13,000,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		3,000,000	3,000,000	2,500,000	2,500,000	2,000,000	-	13,000,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼	3,000,000	3,000,000	2,500,000	2,500,000	2,000,000		13,000,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		3,000,000	3,000,000	2,500,000	2,500,000	2,000,000	-	13,000,000

Project status and completed work

Design for 2017 projects started in 2016.

Grants (funded or applied for) related to the project.

Replacement projects identified for IEPA low-interest loan through 2020.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

This project will reduce operating expenses by eliminating the need for costly emergency repairs on the old watermain.

Map/Pictures of Project



Priority Score **A**

Project Manager: **John Welch**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **WA-037**

Project Description **AMR MTU Replacement**

Project summary, justification and alignment to Strategic Plan

Contractual assistance for the installation of 500 Meter Transmission Units (MTU) remaining from 2015 Village-wide replacement project.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment		X		50,000						50,000
Other/Miscellaneous										-
TOTAL COST				50,000	-	-	-	-	-	50,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
481-Water Fund	50,000						50,000
							-
							-
							-
TOTAL FUNDING SOURCES	50,000	-	-	-	-	-	50,000

Project status and completed work

In 2013 an agreement was Council-approved for an Automated Meter Reading (AMR) Communications Upgrade. Work began in 2015 with all but 1,000 MTU's replaced. It is expected that by the end of 2017 the remaining MTU's will be replaced.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project



Priority Score **A**

Project Manager:

Stan Balicki

Program: **394** Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-003**

Project Description **Summit St. Tank Rehabilitation**

Project summary, justification and alignment to Strategic Plan

Final work schedule and scope will be based upon the results of the tank inspection. The preliminary services include standard inspection of coating system on the tank (inside and outside). Actual painting project may include the removal of the old coating system and the repainting of the primer, intermediate and finish coats.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X	500,000						500,000
TOTAL COST		500,000	-	-	-	-	-	500,000

Funding Source(s)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	500,000						500,000
							-
							-
TOTAL FUNDING SOURCES	500,000	-	-	-	-	-	500,000

Project status and completed work

Coating system was inspected in 2007.

Grants (funded or applied for) related to the project.

None.

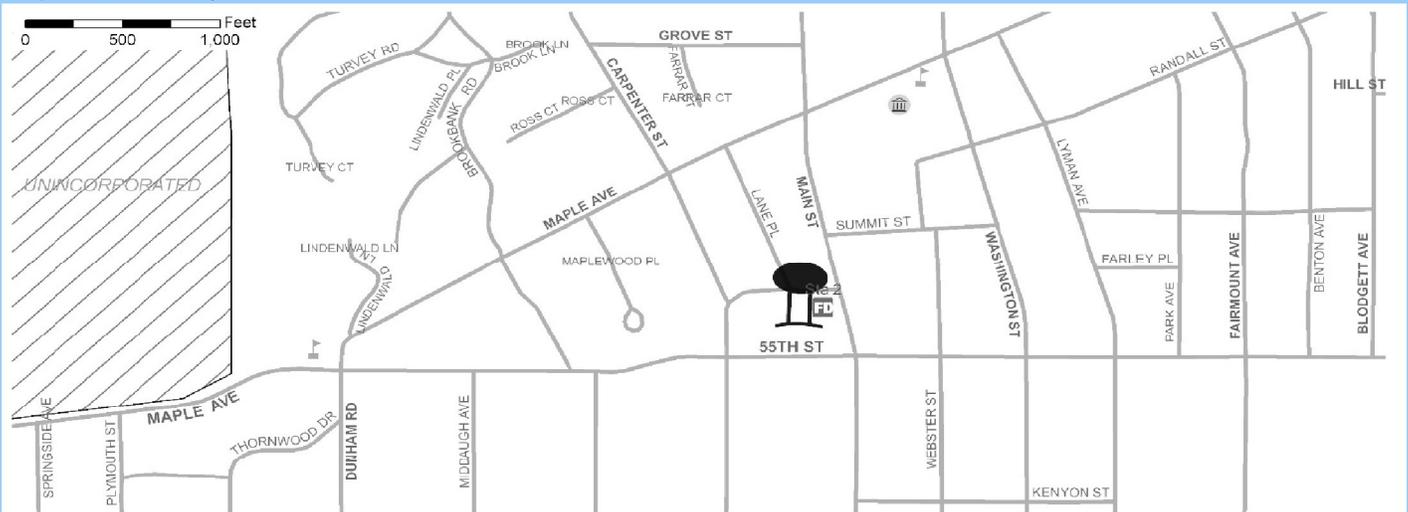
Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
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Projected Operating Expense Impact:

-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project



Priority Score **A**

Project Manager:

Stan Balicki

Program: **394**

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-007**

Project Description **Finley Rd. Tank Rehabilitation**

Project summary, justification and alignment to Strategic Plan

Final work schedule and scope will be based upon the results of the tank inspection. The preliminary services include standard inspection of coating system on the tank (inside and outside). Actual painting project may include the removal of the old coating system and the repainting of the primer, intermediate and finish coats.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X			30,000	630,000			660,000
TOTAL COST		-	-	30,000	630,000	-	-	660,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼			30,000	630,000			660,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	-	30,000	630,000	-	-	660,000

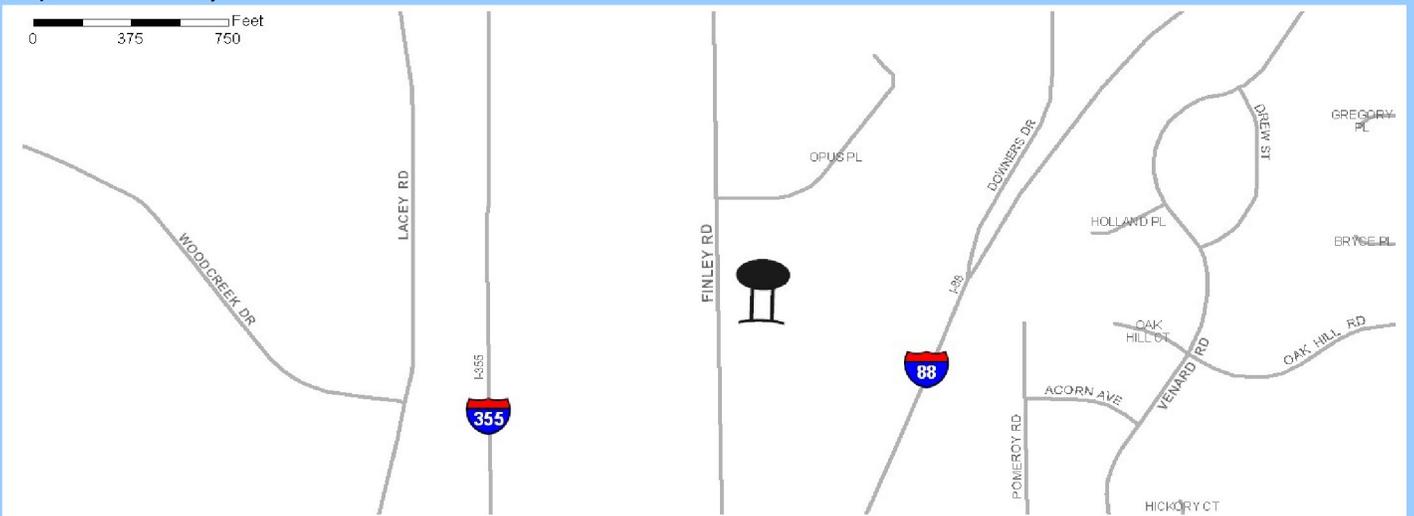
Project status and completed work

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project



Priority Score **A**

Project Manager: **Stan Balicki**
 Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **WP-010**

Project Description Water Facility Maintenance, Annual Element

Project summary, justification and alignment to Strategic Plan

This project accounts for future annual maintenance of existing water system facilities, such as driveways and parking lots for water towers, well houses, etc. As individual projects are identified, project sheets are created and the amounts herein are reduced accordingly.

Cost Summary	New Maintenance Replacement			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment										-
Other/Miscellaneous	X			100,000	100,000	100,000	100,000	100,000		500,000
TOTAL COST				100,000	100,000	100,000	100,000	100,000	-	500,000

Funding Source(s)										
481-Water Fund	▼	100,000	100,000	100,000	100,000	100,000	100,000	100,000		500,000
	▼									-
	▼									-
	▼									-
TOTAL FUNDING SOURCES		100,000	-	500,000						

Project status and completed work

Annual program.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project



Priority Score A

Project Manager:

Stan Balicki

Program: 394

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-011**

Project Description **Existing Well Rehab**

Project summary, justification and alignment to Strategic Plan

The Village owns three drinking water wells, which have been kept in the event that supplemental or emergency water supply were ever needed. The Illinois EPA requires that we maintain these wells at a certain level, or they must be abandoned and capped. This project includes any remedial work that may be necessary to either cap them or bring them up to current standards.

Cost Summary	New	Maintenance	Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future	TOTAL
									Years	
Professional Services										-
Land Acquisition										-
Infrastructure										-
Building										-
Machinery/Equipment										-
Other/Miscellaneous		X		1,000,000	1,000,000	1,000,000				3,000,000
TOTAL COST				1,000,000	1,000,000	1,000,000	-	-	-	3,000,000

Funding Source(s)

481-Water Fund	▼	1,000,000	1,000,000	1,000,000					3,000,000
	▼								-
	▼								-
	▼								-
TOTAL FUNDING SOURCES		1,000,000	1,000,000	1,000,000	-	-	-	-	3,000,000

Project status and completed work

A conceptual study of the needed remedial work will be performed in 2016.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Impact on the operating budget will be determined after the project is designed.

Map/Pictures of Project

Priority Score **A**

Project Manager: **Stan Balicki**

Program: **394** Department: **Public Works**

2017-2021 Capital Project Sheet

Project # **WP-012**

Project Description **Downers Dr. Tank Rehabilitation**

Project summary, justification and alignment to Strategic Plan

The initial inspection to determine schedule and scope of work for this tank was completed in 2013. Final work schedule and scope is based on the results of the tank inspection. The preliminary services will include standard inspection of the coating system on the tank (inside and outside). Actual rehabilitation project may include the removal of the old coating system and repainting of the primer, intermediate and finish coats.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
		Professional Services						
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X			1,400,000				1,400,000
TOTAL COST		-	-	1,400,000	-	-	-	1,400,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼			1,400,000				1,400,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	-	1,400,000	-	-	-	1,400,000

Project status and completed work

Coating system was inspected in 2015. Repainting was determined to be required within 3-4 years. It is anticipated that this work will occur in 2019.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned maintenance will not significantly affect future operating expenses.

Map/Pictures of Project

Priority Score

Project Manager:

Stan Balicki

Program:

394

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-013**

Project Description **67th St. Tank Rehabilitation**

Project summary, justification and alignment to Strategic Plan

Final work schedule and scope will be based upon the results of the tank inspection. The preliminary services include standard inspection of coating system on the tank (inside and outside). Actual project may include the removal of the old coating system and the repainting of the primer, intermediate and finish coats.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		50,000						50,000
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X		400,000					400,000
TOTAL COST		50,000	400,000	-	-	-	-	450,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼	50,000	400,000					450,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		50,000	400,000	-	-	-	-	450,000

Project status and completed work

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Planned improvements will not significantly affect future operating expenses.

Map/Pictures of Project

Priority Score

Project Manager:

Stan Balicki

Program:

394

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-014**

Project Description **Demolition of Old 67th Street Well Building**

Project summary, justification and alignment to Strategic Plan

The old 67th well building by Fire Station 5 needs to be demolished. This building is no longer used as the well at this location has been capped and sealed. The building is now in poor shape and is so small that there are not many potential uses for this building. There is also potential here to sell the lot after demolition, if no other village uses for the lot can be found.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment								-
Other/Miscellaneous	X	40,000						40,000
TOTAL COST		40,000	-	-	-	-	-	40,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼	40,000						40,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		40,000	-	-	-	-	-	40,000

Project status and completed work

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:		(100)	(100)	(100)	(100)	(100)	(500)

Savings on future power bills without a building on site.

Map/Pictures of Project

Priority Score

Project Manager:

Stan Balicki

Program:

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-015**

Project Description **Upgrade Chlorine Analyzers at Rate Stations**

Project summary, justification and alignment to Strategic Plan

Upgrade the chlorine analyzers at all six water receiving stations (Rate Stations) from DuPage Water Commission. Current chlorine analyzers are nearing the end of their life, are out of service more often, and repairs are becoming more costly and taking up more of staff time. This aligns with the strategic plan goal of Top Quality Infrastructure.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services	x	13,000						13,000
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment	x	35,000						35,000
Other/Miscellaneous								-
TOTAL COST		48,000	-	-	-	-	-	48,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼	48,000						48,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		48,000	-	-	-	-	-	48,000

Project status and completed work

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs.	TOTAL
Projected Operating Expense Impact:		(3,900)	(3,900)	(3,900)	(3,900)	(3,900)	(19,500)

The Water Department projects the new chlorine analyzers will save operating expenses. Current analyzers require a monthly reagent kit (\$52 x 6 x 12 = \$3,744.00/yr.), bi-monthly replacement tubing (\$75/tubing kit x 12 = \$900/yr. 1 kit has enough tubing for 2 - 3 analyzers), and 1 color meter (~1/yr. = \$437/yr.). Total current expenses = \$5081 New analyzer yearly costs will be pH buffer (\$46 x 6), 2 pH probes (2 x \$305), 1 reference electrode \$295 = total of \$1181/year. Savings = \$5081 - \$1181 = (\$3900/year).

Map/Pictures of Project

Priority Score

Project Manager:

Stan Balicki

Program:

394

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-016**

Project Description **Replace Inoperable Water Valves on Ogden Ave.**

Project summary, justification and alignment to Strategic Plan

There are a good number of water system valves on Ogden Ave. that are currently broken and inoperable. Due to the location of these valves on Ogden Avenue with heavy traffic, many businesses and restaurants, the best time to replace them is at night. This aligns with the strategic plan goals of Top Quality Infrastructure and Exceptional Municipal Services.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services								-
Land Acquisition								-
Infrastructure	X	90,000						90,000
Building								-
Machinery/Equipment								-
Other/Miscellaneous								-
TOTAL COST		90,000	-	-	-	-	-	90,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼	90,000						90,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		90,000	-	-	-	-	-	90,000

Project status and completed work

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs.	TOTAL
Projected Operating Expense Impact:	2,000						2,000

Estimated slight increase in overtime for 1 or 2 Village of Downers Grove Employees to operate water valves for the contractor after hours.

Map/Pictures of Project

Priority Score

Project Manager:

Stan Balicki

Program:

Department:

Public Works

2017-2021 Capital Project Sheet

Project # **WP-017**

Project Description Replace SCADA Server at Public Works

Project summary, justification and alignment to Strategic Plan

The current SCADA server is 5 years old and the operating system is no longer supported by Microsoft. The server needs to be upgraded and replaced. This aligns with the strategic plan of Top Quality Infrastructure.

Cost Summary	New Maintenance Replacement	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
Professional Services		15,000						15,000
Land Acquisition								-
Infrastructure								-
Building								-
Machinery/Equipment	X	25,000						25,000
Other/Miscellaneous								-
TOTAL COST		40,000	-	-	-	-	-	40,000

Funding Source(s)		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Years	TOTAL
481-Water Fund	▼	40,000						40,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		40,000	-	-	-	-	-	40,000

Project status and completed work

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

There are no projected Operating Expense Impacts with this Capital Project.

Map/Pictures of Project

Priority Score

Project Manager:

Stan Balicki

Program:

Department:

Public Works