

VILLAGE OF POPLAR GROVE 2018-2022 CAPITAL IMPROVEMENT PROGRAM

FUND 90- Governmental Funds Capital Improvements

Project Description	NOTES	PRIORITY	Total Est. Project Cost	PROJECT COST BY FISCAL YEAR						5-YEAR TOTAL
				2017	2018	2019	2020	2021	2022	
GENERAL GOVERNMENT										
90-50-4412 ADMINISTRATION										
Folding Machine	Current is no longer serviced/Takes constant supervision			\$ 5,000		\$ 5,000				\$ 5,000
Computer Rotation	Normal Computer Rotation Upgrades			\$ 2,500	\$ 2,000	\$ 2,500	\$ 2,500			\$ 12,000
BSA Permit Module	Module interface with current software		\$ 15,000		\$ 5,000	\$ 5,000	\$ 5,000			\$ 15,000
Board Room Recording Access Channel	Equipment Needs for submission to Public Access		\$ 5,000		\$ 5,000					\$ 5,000
Board Docs - Agenda & Public Access Automation	Quote, includes cloud doc storage		\$ 4,000							
Postage Machine	Future Upgrade						\$ 5,000			\$ 5,000
Copy Machine	Possible for Lease with Folder/Inserter (2019)									
90-50-4420 ECONOMIC DEVELOPMENT										
EPI Demolition/Re-development	Discuss planning or grant potential*		\$ 150,000				\$ 50,000	\$ 50,000		\$ 100,000
** East Park Street/Forrest Pallet Development - Road/W&S			\$ 100,000							\$ 100,000
** Industrial Park - 173/76 Improvements Engineering Plan	Process started in 2016		\$ 25,000							
Strategic Comprehensive Plan Update	Update to 2009 Plan			\$ 20,000	\$ 20,000					\$ 40,000
PUBLIC WORKS										
PARKS DEPARTMENT										
90-52-4440 PARKS EQUIPMENT										
Playground Construction - Sherman Park	Repair begin reviewing replacement		\$ 15,000		\$ 5,000	\$ 10,000				\$ 15,000
Playground Construction - West Grove	install equipment purchased in 2016									
90-52-4442 PARKS IMPROVEMENTS										
Park Improvements - Dog Park	Eagle Scout Project/Partnership			\$ 5,000	\$ 5,000					\$ 10,000
Park Improvements - Lions Park										
Park Improvements - Football Field	engineering started in 2016		\$ 5,000							\$ 5,000
Park Improvements - Dirt/Seed (Fill - Hill St. Area)			\$ 5,000			\$ 5,000				\$ 5,000
Park Improvements - Engineer Poplar Woods Park Plan	Engineering		\$ 15,000			\$ 15,000				\$ 15,000
Park Improvements - Poplar Woods Shelter/ Kiosk	Kiosk/Information in Trail		\$ 10,000							\$ -
Park Improvements - Poplar Woods Trail/Lot	Excavate/Creation of Trail									
Park Improvements - West Grove Plan	RMAP 2016 started, Funds used for Eq		\$ 15,000							\$ 15,000
Park Improvements - Finalize Long Prairie Trail/Multi Use Planning Phase Documents			\$ 3,000							\$ 3,000
Park Improvements - Arbor Ash (replacements)	Arbor Ash Replace/Add'l Tree Plantings		\$ 5,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 20,000
Park Improvements - Concrete Pads/Picnic Tables (various)			\$ 3,000		\$ 2,000			\$ 2,000		\$ 7,000
Wayfind Signage for Village Entrances	Purchased (4) in 2016		\$ 10,000							\$ 10,000
90-52-4441 PARKS MAINTENANCE										
50HP Tractor/Woods Mower	Lions Park Mower, Save for Future Replacement		\$ 40,000							\$ -

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90-52-4443 <u>PARKS LAND ACQUISITION</u> Park Land - General	land acquisition	\$ 50,000								\$ 50,000
STREET DEPARTMENT 90-53-4460 <u>STREETS ADMINISTRATION</u> Pavement Management System	Started internal process/needs engineer (Start in Engineering Line Item)									
90-53-4461 <u>STREETS EQUIPMENT</u> Vehicle Replacement Fund Street Sweeper Combination Backhoe Plow Truck (used 40-80,000) Salt Storage Shed - New Shop Rubber Tire Loader (For Salt) PW Garage/Shop	(1 Ton in 2015 - Remaining for Planning) on hold/renting temporarily plan for future needs Plan for future Years Sinking Fund for 60X100 Metal Pole Barn w/Insulation Will Require add'l Funding	\$ 50,000 \$ 50,000 \$ 50,000 \$ 80,000 \$ 40,000 \$ 265,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000 \$ 25,000	\$ 50,000 \$ - \$ - \$ - \$ 150,000		
90-53-4462 <u>STREETS MAINTENANCE</u> Street Maintenance - Main St. Reconstruction (Between State & Summit/Washington) Street Maintenance - Concrete Pad/Blocks for Salt Shed Street Construction - (Identify) Street Maintenance - IGA Walnut Grove Road Street Maintenance - Crack Filling Program 100 S. State Street Furnace	Possible to move to MFT Use MFT First/These are Urgent Patches County/Township conducting in 2017-18 Annual Future Planning	\$ 355,000 \$ 25,000 \$ 100,000 \$ 5,000	\$ 20,000 \$ 15,000 \$ 15,000 \$ 5,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 15,000 \$ 5,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 15,000 \$ 15,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 15,000 \$ 15,000	\$ 25,000 \$ 25,000 \$ 25,000 \$ 15,000 \$ 15,000	\$ - \$ 245,000 \$ 75,000		
90-53-4463 <u>STREETS STORM SEWER</u> Storm Sewer - Lions Park Overall Drainage Design Plans Storm Sewer - West Park Drainage Ditch (grant) Storm Sewer - Simerl Property (discussion)	Part of DCEO Grant DCEO GRANT - on hold May be eliminated with Dog Park	\$ 25,000 \$ 105,000							\$ -	
Governmental Funds Capital Improvements		TOTAL		\$ 95,500	\$ 119,000	\$ 136,500	\$ 154,500	\$ 119,000	\$ 92,000	\$ 1,011,000

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Water & Sewer Capital Improvements

FUND 31 - 31-70-4930 CAPITAL OUTLAY

Project Description	NOTES	MCO PRIORITY	Total Est. Project Cost	PROJECT COST BY FISCAL YEAR						5-YEAR TOTAL
				2017	2018	2019	2020	2021	2022	
WATER OPERATIONS										
31-70-4930	<u>WATER ADMINISTRATION</u>									
	GIS Mapping of water system	Very Important	\$ 5,000		\$ 2,500					\$ 5,000
	SCADA Integration for Wells and Towers	Plan for phased after Lift Stations	\$ 75,000			\$ 25,000	\$ 25,000	\$ 25,000		\$ 75,000
	Water/Sewer Study IL76/173 for improvements	Engineering Portion started 2015/16	\$ 6,000							\$ 6,000
	<u>WATER EQUIPMENT</u>									
	Replace Check Valve at Well #4		\$ 6,000							
	Replumb Well #5 & #6	Wells are within 60 feet of eachother								
	Well #6 Replacement									
	Hydrants 3-5 yr. (5k each)	Annual Program		\$ 5,000		\$ 5,000		\$ 5,000		
	Dakota Vehicle Replacement	Purchase Used	\$ 15,000		\$ 15,000					
	<u>WATER BUILDING MAINTENANCE</u>									
	Water Tower Painting - (10-15 Yrs)	Consider for Future Planning								
WASTEWATER/SANITARY SEWER OPERATIONS										
31-75-4930	<u>Wastewater Administration</u>									
	GIS Mapping		\$ 5,000							\$ 2,500
	SCADA System Software & Control Integration	Complete 2016 (1 YR Trial Period)	\$ 125,000							\$ 125,000
	SCADA for Lift Stations	Lift Stations (9-10) Urgent	\$ 50,000		\$ 25,000	\$ 25,000				\$ 50,000
	<u>Maintenance</u>									
	Televise North Collection System	Under heavy rainfall	\$ 30,000		\$ 10,000	\$ 10,000	\$ 10,000			\$ 30,000
	New Dav it Crane, Dewater pump (Hydraulic Power)	purchase 2" elect submersible	\$ 20,000							\$ 10,000
	Clean & Televise Sanitary Sewers 20%		\$ 60,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000			\$ 50,000
	SWWTP Outfall (Redesign)	This will be required for pending development	\$ 120,000			\$ 40,000	\$ 40,000	\$ 40,000		\$ 80,000
	Manhole Repairs	Ongoing/Follow Inspections		\$ 40,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	
	NWWTP Filter Upgrade	Second Filter requested by MCO to replace remaining sand filter	\$ 190,000							\$ 190,000
	NWWTP Headworks Enclosure & Move Influent Flow Meter									
	Fence, Stone Driveway (SWWTP)		\$ 20,000							\$ 20,000
	SWWTP - Asphalt Drive									\$ -
	NWWTP - Asphalt Drive - by dumpsters		\$ 6,000	\$ 6,000						\$ 6,000
	SWWTP Sludge Press Rebuild	awaiting prices	\$ 10,000	\$ 10,000				\$ 10,000		\$ 20,000
	SWWTP Plumb Alum to SBR#3 & Reinstate other items	Tank offline parts harvested for other parts./future plan if development requires								
	SWWTP Sludge Driveway			\$ 6,000						
	SWWTP All Weather Louvers	All Weather	\$ 10,000							
	SWWTP Improve ventilation in Digester Blower Room		\$ 5,000							
	SWWTP Block Wall around UV Channel	Depends on Rail System development								
	SWWTP Gas Monitoring for Headworks Room		\$ 7,500							
	SWWTP Filter #2 Media Replacement/Chemical Wash									
	Collection Point Manhole	Interior is disintegrating	\$ 30,000		\$ 30,000					
	Orangeburg Pipe Replacement - Park St.	Need to plan for replacement/or emergency replace as needed				\$ 20,000				

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Equipment Replacement									
Grinder Pumps - replace at Lift Stations	upgrade Flygt pump when applicable.	II	\$ 60,000		\$ 15,000		\$ 15,000		\$ 15,000 \$ 30,000
SWWTP MLSS Probes		IV	\$ 7,000						
SWWTP Repair Digester Decanters	From Ice Damage	III	\$ 5,000						
PLC Programming replacement	PLC replacement prior to failure - SL500 not supported by AB	II	\$ 140,000						
UV Bulbs SWWTP	Working with Aquatec in 2017, Ongoing replacement	I	\$ 15,000	\$ 5,000		\$ 5,000		\$ 5,000	
UV Bulbs NWWTP	Replaced Upgraded 2016 - keep rotation								
SWWTP Disc Filter	Future Want	II	\$ 250,000						
SWWTP Smaller Influent Lift Station	Pump for flow regulation	IV	\$ 28,000						
SWWTP Decanter Upgrade	Future Want	IV							
SWWTP Effluent Flow Meter	COMPLETE 2017								
NWWTP WAS Pump Replacements	SBR #4 & Spare needed (qty 2)	III	\$ 7,000	\$ 7,000					\$ 7,000
Oaklawn Lift Station/Flow Meter	Should take place in 2017	III							
NWWTP Fine Screen Headworks Repair	Completed		\$ 20,000	\$ 20,000					\$ 20,000
Convert 2 SBR's at NWWTP to Fixed Floor Aeration	SBR 1 & 2 Update Engineering Estimate		\$ 525,000						\$ -
Convert 1 SBR at SWWTP to Fixed Floor Aeration	SBR 3 & 4 Update Engineering Estimate		\$ 230,000						\$ -
Convert 1 SBR at SWWTP to Fixed Floor Aeration	Engineer Estimate, can remove or convert to AI Triton's		\$ 230,000						\$ -
4930 CAPITAL OUTLAY				\$ 109,000	\$ 117,500	\$ 160,000	\$ 120,000	\$ 95,000	\$ 35,000
FUND 90 GOVERNMENTAL FUNDS					\$ 119,000.00				
WATER & SEWER FUNDS					\$ 117,500.00				