

City of Munising 7 (Current plus 6) year Capital Improvement plan

2024-25 Fiscal Year

Section	Project	Funding Source	Current Year Projects	Year 1	Year2	Year 3	Year 4	Year 5	Year 6
			23-24	24-25	25-26	26-27	27-28	28-29	29-30
Sewer & WWTP									
Sewer Col.	Replace Prospect LS Pump	Leachate Fund	\$15,000.00						
Sewer Col.	USDA-RD Sewer Project (Washington)	USDA-RD/CDS Grant		\$2,709,000.00					
Sewer Treat	Anna River Lift Station Upgrades	Leachate Fund			\$50,000.00				
Sewer Treat	WWTP UV Rehab.	Sewer Fund/RRI		\$50,000.00					
Sewer Coll.	Vactor Truck PM & Repairs (50%)	Utility User Fee	\$55,000.00						
Sewer Coll.	Process Blower Replacement	Sewer Fund/Leachate		\$75,000.00					
Sewer Treat	PH Probes	Sewer Fund/Leachate		\$10,000.00					
Water									
Water	In-Ground Roof Replacments	USDA-RD Loan	\$123,000.00						
Water	Vactor Truck PM & Repairs(50%)	Utility User Fees	\$55,000.00						
Water	Industrial Park Tank Maintentance	USDA-RD Loan	\$170,000.00						
Water	Varnum St. -12 Inch main Improvments	USDA-RD Loan		\$460,000.00					
Water	Bayshore Wellhouse Replacement	USDA-RD Loan		\$600,000.00					
Water	Washington St. Utility Replacements	USDA-RD/CDS		\$1,719,000.00					
Road/Street Projects									
Major Street	Sand Point Rd. -Crush and Shape	Major Street/Grant		\$131,000.00					
Major Street	Varnum St. Road Contribution	Major Street/MDOT LAP	\$100,000.00						
Major Street	Anna River Bridge	MDOT Rural Bridge Funding		\$210,000.00					
Local Street	Grand St.	Local Street Fund			\$40,000.00				
Major Street	Washington St.	USDA-RD/CDS		\$2,000,000.00					
Major Street	H-58 - PM Project	Major Street			\$180,000.00				
Major Street	Sand Point Rd - PM (Chip/seal)							\$160,000.00	
Major Street	Superior St. (404/500 Block PM)	Major Streets				\$110,000.00			
Municiple Buildings & Grounds									
City Hall	C/H Lot Rehab & PM	Municiple Buildings	\$80,000.00						
Fire/PD	Parking Lot Rehab	Municiple Buildings	\$25,000.00						
Major/Local	Salt Shed Rehabilitation	MDOT TWA/Major Streets		\$45,000.00					
G/F	Tourist Park West Bathroom Rehab	G/F TP Improvement		122500					
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DPW	DPW Roof Replacement	USDA CF Loan			620000				
WWTP	Leachate Loop Paving	Sewer/Leachate		\$43,000.00					
City Hall	A/V Upgrades	ARPA Funds		\$20,000.00					
Police/Fire									
Police	Patrol Vehicle 1	General Fund/ USDA - RD Grant	\$78,000.00						
Police	Patrol Vehicle 2	General Fund/ USDA - RD Grant		\$78,000.00					
Police	Patrol Vehicle 3	General Fund/ USDA - RD Grant			\$78,000.00				
Cemetery/Grounds									
Cemetery	Fence Replacment	General Fund	\$50,000.00						
Cemetery	Compact Tractor	General Fund					\$80,000.00		
DPW/P & R	Multi-use trailer (s)	General Fund	\$10,000.00						

Adopted: _____

Cemetery	Survey/Monument Installation	General Fund			\$10,000.00				
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Motor Pool									
DPW	DPW Truck Replacement	General Fund	\$55,000.00						
DPW	DPW Truck Replacement	GF/Leachate		\$48,000.00					
DPW	CASE Loader Refurbishment				\$60,000.00				
Mech.	Mech. 1/2 Truck replacment	GG/Leachate		\$48,000.00					
DPW	Dual Axle Dump Truck	USDA RD Loan		\$190,000.00					
Cemetery	1 Ton GMC w/ Dump				\$60,000.00				
DPW	Tandem Dump								
DPW/Mechanic	Truck Replacement	Leachate/GF Trans.		\$48,000.00			\$210,000.00		
DPW/Streets	Plow Truck					\$200,000.00			
DPW/Streets	Plow Truck							\$ 220,000.00	

Marina Fund									
Marina	Fuel Pump/Tank Replacement	Marina Fund/ Grants			\$55,000.00				
Boat Launch	Boat Launch Rehab (Phase 1)	Marina Fund/Grants		\$800,000.00					
Marina	Boat Launch Rehab (Phase 2)					\$500,000.00			

Tourist Park									
Tourist Park	West Bathroom Rehab			\$122,500.00					
Tourist Park	East Bathroom Rehab			\$12,500.00	\$125,000.00				
Tourist Park	Water Treatment			\$55,000.00					

Totals	\$816,000.00	\$9,596,500.00	\$ 1,400,500.00	\$ 810,000.00	\$ 290,000.00	\$ 380,000.00	\$ -
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Capital Improvements Needed in The Near Future							
				Years	Replacement		
	NO.	Exp.Life	Last Done	Left	Year	Today's Cost Each	Total cost
Lift Stations 590-548-xxx							
Tannery Lift Station Pump	1	20	2006	8	2026	\$ 5,000.00	\$ 5,000.00
Tannery Lift Station Electrical	1	40	1958	-20	1998	\$ 40,000.00	\$ 40,000.00
Anna River Lift Station Pumps	2	20	2006	8	2026	\$ 5,000.00	\$ 10,000.00
Anna River Lift Station Electrical	1	40	1958	-20	1998	\$ 40,000.00	\$ 40,000.00
City Dock Lift Station Pumps	2	20	1997	-1	2017	\$ 5,000.00	\$ 10,000.00
Prospect Lift Station	1	20	2018	20	2038	\$ 5,000.00	\$ 5,000.00
						Total	\$ 110,000.00

WWTP Equipment 590-555-977							
Effluent Sampler	1	10	2013	5	2023	\$ 3,500.00	\$ 3,500.00
Influent Sampler	1	10	2015	7	2025	\$ 3,500.00	\$ 3,500.00
Emergency Transfer Switch WWTP	1	20	2017	19	2037	\$ 15,000.00	\$ 15,000.00
Emergency Generator WWTP	1	20	1973	-25	1993	\$ 100,000.00	\$ 100,000.00
Non-Potable Water Pump	2	20	1973	-25	1993	\$ 6,000.00	\$ 12,000.00
Aeration Diffuser Membranes	920	5	2012	-1	2017	\$ 10.00	\$ 9,200.00
Air Blowers Process	2	20	2008	10	2028	\$ 75,000.00	\$ 150,000.00
Mixers Oxidation Ditches	4	20	2012	14	2032	\$ 80,000.00	\$ 320,000.00
SCADA UPGRADES	1	10	2008	0	2018	\$ 16,000.00	\$ 16,000.00
RAS Pump	1	5	2016	3	2021	\$ 15,000.00	\$ 15,000.00
Process Pump	2	20	2008	10	2028	\$ 20,000.00	\$ 40,000.00
EQ Pump	2	20	2008	10	2028	\$ 20,000.00	\$ 40,000.00
VFD for WW Pumps 30Hp	6	20	2008	10	2028	\$ 4,000.00	\$ 24,000.00
VFD for Air Blowers 100hp	2	20	2008	10	2028	\$ 12,000.00	\$ 24,000.00
Actuating valves	4	20	2012	14	2032	\$ 10,000.00	\$ 40,000.00
Polymer Feed System	1	20	1990	-8	2010	\$ 15,000.00	\$ 15,000.00
Chemical Injection Site	2	20	1990	-8	2010	\$ 2,000.00	\$ 4,000.00
DO control Thickener/Digesters	3	20	1990	-8	2010	\$ 8,000.00	\$ 24,000.00
Influent Belt Filters	2	20	2020	22	2040	\$ 75,000.00	\$ 150,000.00
Air Diffusers EQ	4	20	1973	-25	1993	\$ 50,000.00	\$ 200,000.00
Air Diffusers Thickener	1	20	1990	-8	2010	\$ 50,000.00	\$ 50,000.00
Septage Receiving Station	1	20				\$ 100,000.00	\$ 100,000.00
UV Bulb Replacement	24	2	2017	1	2019	\$ 325.00	\$ 7,800.00
						Total	\$ 1,363,000.00

Laboratory Equipment							
Still	1	10	2008	0	2018	\$ 5,000.00	\$ 5,000.00
DO Meter	1	10	2008	0	2018	\$ 2,800.00	\$ 2,800.00
BOD Incubator	1	10	2008	0	2018	\$ 6,000.00	\$ 6,000.00
Fluoride Probe	1	1	2017	0	2018	\$ 1,000.00	\$ 1,000.00
Ammonia Probe	1	1	2017	0	2018	\$ 1,000.00	\$ 1,000.00
Ph Meter	2	10	2008	0	2018	\$ 3,500.00	\$ 7,000.00
PH Probe	1	1	2017	0	2018	\$ 1,000.00	\$ 1,000.00
Spectrophotometer	1	10	2017	9	2027	\$ 8,000.00	\$ 8,000.00
						Total	\$ 31,800.00

WWTP Structures							
Clarifier Covers	3	50		-1	50	\$ 200,000.00	\$ 600,000.00

Digester Rehab	2	30	1973	-15	2003	\$ 50,000.00	\$ 100,000.00
Influent Manhole	1	20	1959	-39	1979	\$ 6,000.00	\$ 6,000.00
Clarifier Concrete Rehab	2	30	1972	-16	2002		
EQ/Sludge Holding Concrete Reha	2	30	1972	-16	2002		
Insulate Storage building	1	50			50		
Sidewalks/Front Steps	1	50			50		
						Total	\$ 706,000.00

\$ 2,210,800.00

[illegible]