

2027-2029

Capital Improvements Plan (CIP) Additions



CITY OF MARQUETTE

Marquette, Michigan

**Prepared By: City of Marquette
Capital Improvements Plan Review Committee**

2A. ASSET REPLACEMENT SCHEDULE

<u>Infrastructure System</u>	<u>Valuation/ Place</u>	<u>Miles in</u>	<u>Annual Maintenance or Replacement Recommended</u>	<u>*Est. Annual Expenditures</u>	<u>Fund</u>
Sanitary Sewer Main Piping/Structures	87.8 miles		1.0 mile	\$ 960,000	Sewer
Sanitary Sewer Laterals	37 miles		1.0 mile	\$ 525,000	Sewer
Sanitary Sewer Plant/Lift Stations	\$22.9 Million		2% of Total worth Plant, Lift Stations	\$ 250,000	Sewer
Water Main Piping/Structures	98.5 miles		1.1 mile	\$ 1,200,000	Water
Water Services	37 miles		1.0 mile	\$ 525,000	Water
Water Plant/Pump Stations	\$13.8 Million		2% of Total worth Plant, Pump Stations	\$ 150,000	Water
Street	85.5 miles		1.2 miles replace	\$ 1,000,000	Local/Major/General
Street	85.5 miles		1.5 miles-heavy maint.	\$ 1,300,000	Local/Major/General
Gravel	4.1 miles		2,000 linear feet	\$ 150,000	Local/Major/General
Transportation Safety	16 Signal Intersects 51.3 Miles Lines 525 Symbols		Intersection Upgrade Most Traffic Markings	\$ 250,000	Local/Major/General
Sidewalks	68.4 miles		1.3 miles	\$ 200,000	General
Pathways	16.7 miles		3,000 linear feet	\$ 110,000	General
Storm Water Piping/Structures	54.9 miles		0.7 miles	\$ 700,000	Storm water
Storm Water Curbing	176 miles		2.4 miles	\$ 500,000	Storm water
Bridge System	9 each		varies	\$ 100,000	Local/Major/General
Building & Grounds	\$34.8 Million		2% of total worth	\$ 600,000	General
Motor Pool /Fleet / Equip.	\$10.5 Million		\$1,700,000	\$ 1,200,000	Motor Pool
Parks & Grounds	\$10.3 Million		2% of total worth	\$ 206,000	General
Marinas	2 each		\$19,000	\$ 19,000	Marinas

* Includes all elements that make up the system. For example sanitary sewer main would include manhole structures, main line piping, street structure limits above, etc.. Based on 6 year average of CIP plan. Annual expenditures are based on 2019 construction costs.


CIP 2027-2029 Project Additions

Rank	Project Year	Project I.D.	Project Description	Project Score
1	2027	27-9	Curbing Repair and Replacements Project	143
2	2027	27-11	By-pass Pump Purchase	134
3	2027	27-12	Front End Loader Replacement	130
4	2027	27-2	Wilkinson Avenue (Summit St. to South End)	128
5	2027	27-1	Blemhuber Ave. Reconstruction (Adams to Altamont)	126
6	2027	27-6	Schneider Mill Court (River Park Circle to N. End)	126
7	2027	27-10	Craig Street – Division to Altamont	126
8	2027	27-5	River Park Circle (Schneider Mill Court to West End)	125
9	2027	27-3	Tonti Road (U.S. 41 to E. Nicolet Blvd.)	125
10	2027	27-19	Magnetic Street (Pine Street to Front Street)	123
11	2027	27-4	Waldo Street (Norway Avenue to Lincoln Avenue)	122
12	2027	27-8	Sidewalk Replacements Project	121
13	2027	27-7	Street Improvements and Paving project	119
14	2027	27-17	Tractor Replacement	98
15	2027	27-16	Road Patcher Replacement	97
16	2027	27-18	Water Plant Plc's	95
17	2027	27-13	Motor Pool Vehicle Replacement (4)	95
18	2027	27-15	Police Vehicle Replacement (3)	93
19	2027	27-14	Parks Mower Replacement	91
1	2028	28-6	Sidewalk Repair, Replacement, and Extension	140
2	2028	28-8	Lake Street – Hampton Street to US41	133
3	2028	28-5	Street Improvement and Maintenance Project	132
4	2028	28-4	Cured In Place Pipe Lining	132
5	2028	28-3	Fourth Street (Spring Street to Washington Street)	131
6	2028	28-2	Vanevera Ave. (Center Street to Norwood Avenue)	130
7	2028	28-1	Magnetic Street (Pine Street to Front Street)	129
8	2028	28-7	Curbing Repair, Replacement, and Extension	125
9	2028	28-13	Pine Street pump replacement	116
10	2028	28-10	Fire Truck Replacement	105
11	2028	28-9	Backhoe Replacement	99
12	2028	28-12	Parks Mower Replacement	96
13	2028	28-14	Plow Truck Replacement	96
14	2028	28-16	Semi-Tractor Replacement	96
15	2028	28-11	Motor Pool Vehicle Replacement	95
16	2028	28-15	Police Vehicle Replacement (3)	95
1	2029	29-2	Sidewalk Repair, Replacement, and Extension	139
2	2029	29-6	Lincoln Avenue – College to Waldo	136
3	2029	29-9	Magnetic Street – Pine Street to E. End	134
4	2029	29-4	Baraga Avenue – Third to Fourth	134
5	2029	29-5	Genesee Street – Altamont to Division	133
6	2029	29-7	Third Street to a Point 450 Feet East	133
7	2029	29-1	Street Improvement and Maintenance Project	132
8	2029	29-3	Curbing Repair, Replacement, and Extension	124
9	2029	29-11	Motor Pool Vehicle Replacement (4)	101
10	2029	29-10	Front End Loader Replacement	101
11	2029	29-12	Plow Truck Replacement	100
12	2029	29-13	Police Vehicle Replacement (3)	95

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-01

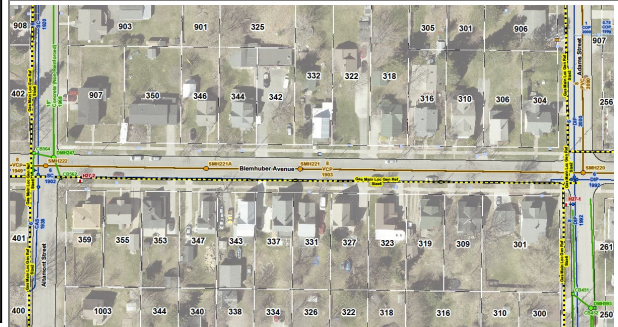
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Blemhuber Avenue (Adams St. to Altamont St.)
	Project Title: Blemhuber Avenue Reconstruction	Estimate Funding Request: \$882,939
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The fire flows and the piping servicing the properties along this section of Blemhuber Avenue are dependent on a 6-inch 1902 sand cast iron pipe. This project will upsize the existing pipe to 8-inch D.I. piping to improve fire flows, increase residential flows, and replace aged undersized pipe. The existing sanitary sewer is an 8-inch 1903 clay pipe and will be replaced with 8-inch PVC piping. The sanitary sewer manholes and laterals will be replaced. Currently no storm sewer exists on this section of Blemhuber Ave. The storm sewer will be extended to provide storm water control for that area. The street is currently rated a 5 under our Paser rating system. The curbing is in poor condition and will be replaced. Sidewalks will be replaced when required. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Blemhuber Ave. (Adams St. to Altamont St.)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-02


DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Chamberlain Street (Fourth Street to West End)
	Project Title: Chamberlain Street Reconstruction	Estimate Funding Request: \$483,906
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The fire flows and the piping servicing the properties along this section of Chamberlain Street are dependent on a 4-inch 1931 and 1962 sand cast iron pipe. This project will upsize the existing pipe to 8-inch D.I. piping to improve fire flows, increase residential flows, and replace undersized pipe. The existing sanitary sewer is an 8-inch 1941 and 1962 clay pipe and will be replaced with 8-inch PVC piping. The sanitary sewer manholes and laterals will be replaced. The clearance between the sanitary sewer and the water main currently does not meet state standards. Upon replacement the standards will be met. It is anticipated that storm water piping and structures will not be required on this block. The street is currently rated a 3 under our Paser rating system. The curbing will be replaced as needed. Sidewalks will be replaced when required. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Chamberlain St. (Fourth St. to West End)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-03


DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Wilkinson Avenue (Summit St. to South End)
	Project Title: Wilkinson Avenue Reconstruction	Estimate Funding Request: \$315,426
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input checked="" type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The fire flows and the piping servicing the properties along this section of Wilkinson Street are dependent on a long 1 1/2-inch lateral. This project will place 6-inch D.I. piping to provide fire flows protection and increase residential. The properties are also serviced by long sanitary sewer laterals. This project will extend a sanitary sewer main from Summit Street to the south along Wilkinson Ave. Minor work is expected on the existing storm sewer with the addition/replacement of catch basins at the intersections. The street is currently rated a 3 under our Paser rating system. Currently no curbing exists on this section of street and curbing will be placed. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Wilkinson Avenue (Summit Ave. to South End)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-04

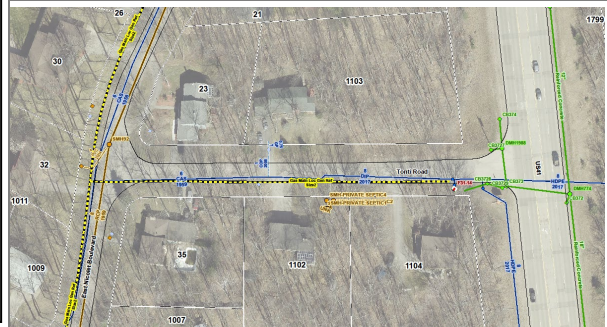
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Tonti Road (U.S. 41 to E. Nicolet Blvd.)
	Project Title: Tonti Road Reconstruction	Estimate Funding Request: \$556,112
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input checked="" type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input checked="" type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The fire flows and the piping servicing the properties along this section of Tonti Road are dependent on a 6-inch 1959 cast iron pipe. This project will upsize the existing pipe to 8-inch D.I. piping. This will improve fire flows, increase residential flows, and replace undersized brittle pipe. The soils and pipe material in this area create the degradation of the piping. Currently there is no public sanitary sewer servicing these homes as they are serviced by septic systems. This project will place a force main sewer along with a grinder pump station. Sanitary laterals will be stubbed to each parcel. The storm sewer will be extended from US. 41 to provide storm water control. The street is currently rated a 2 under our Paser rating system. As with other areas in Shiras Hills no curbing exists and the asphalt swales are no longer usable. Concrete curb and gutter will be placed. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Tonti Road (U.S. 41 to E. Nicolet Blvd.)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm	<p><i>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-05

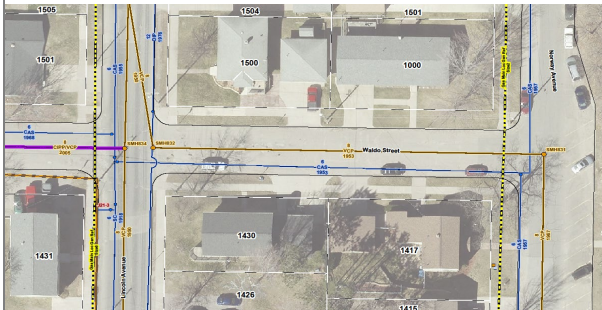
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Waldo Street (Norway Avenue to Lincoln Avenue)
	Project Title: Waldo Street Upgrade	Estimate Funding Request: \$283,756
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input checked="" type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The 1953 water main does not require replacement at this time. It is currently connected to a 6-inch 1918 sand cast main at Lincoln Avenue. The main will be connected to a newer 12-inch 1976 ductile iron main in Lincoln Avenue. The sanitary sewer main will be a good candidate for a future slip lining project. All laterals will be replaced, and manholes found in poor condition. The street is currently rated a 2 under our Paser rating system. Curbing found in poor condition at this time will also be replaced as well as any sidewalk. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Waldo Avenue (Norway Ave. to Lincoln Ave.)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-06

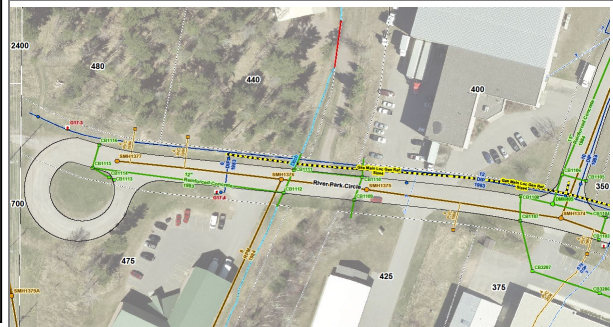
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: River Park Circle (Schneider Mill Court to West End)
	Project Title: River Park Circle Upgrade	Estimate Funding Request: \$410,434
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input checked="" type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The water main does not require replacement at this time. Valves and hydrants found in unworkable condition will be replaced. The sanitary sewer main does not require replacement at this time. Sanitary sewer manholes found in poor condition will be replaced at this time. Storm sewer structures found in poor condition will also be replaced at this time. The street is currently rated a 2 under our Paser rating system. Curbing found in poor condition will be replaced. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: River Park Cir. (Schneider Mill Ct. to W. End)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-07

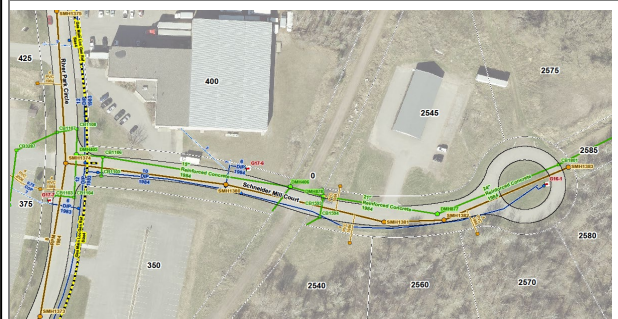
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High Low
	Department: Community Development	Project Location: Schneider Mill Court (River Park Circle to N. End)
	Project Title: Schneider Mill Court	Estimate Funding Request: \$434,502
	Contact Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): 0

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input checked="" type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The water main does not require replacement at this time. Valves and hydrants found in unworkable condition will be replaced. The sanitary sewer main does not require replacement at this time. Sanitary sewer manholes found in poor condition will be replaced at this time. Storm sewer structures found in poor condition will also be replaced at this time. The street is currently rated a 3 under our Paser rating system. Curbing found in poor condition will be replaced. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Schneider Mill Court (River Park Cir. to N. End)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p><i>Explain: Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-08

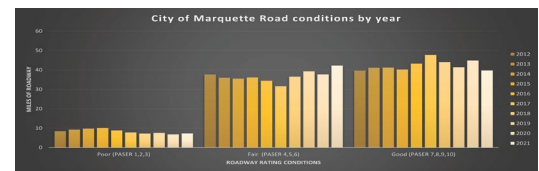
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various
	Project Title: Street Improvement and Maintenance Project	Estimate Funding Request: \$1,462,785
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input checked="" type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The SIMP program is used to extend the useful service life of our existing streets. This program needs to be done on a yearly basis to keep the streets from deteriorating to a stage where they will need to be completely replaced. Without this program additional streets will be placed in the category for complete reconstruction and will not meet their projected life span, thus increasing costs substantially in the future.</p> <p>Part of this program includes the replacement of curbing that is in poor condition. In addition, minor storm sewer work may be required to add drainage structures or replace existing drainage structures to provide adequate storm water control.</p> <p>Due to rapidly changing street conditions, a priority list will be provided at a later dated.</p>	<p>Picture Title: Road Condition Trends</p>  <p>City of Marquette Road conditions by year</p> <p>Legend: 2012 (light blue), 2013 (medium blue), 2014 (dark blue), 2015 (light green), 2016 (medium green), 2017 (dark green), 2018 (light yellow), 2019 (medium yellow), 2020 (dark yellow), 2021 (orange).</p> <p>Y-axis: % of Streets (0 to 60). X-axis: ROADWAY STATUS CONDITIONS (Poor (PSR 5.0-6), Fair (PSR 6.5-7), Good (PSR 7.5-8.5)).</p> <p>Recommended Maintenance for Streets in Good Condition Good streets should be maintained at least every 10 years.</p> <p>Recommended Maintenance for Streets in Fair Condition Fair streets should be maintained at least every 5 years.</p> <p>Recommended Maintenance for Streets in Poor Condition Poor streets should be reconstructed or replaced as soon as possible.</p>
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Street, Sanitary, Water, and Storm	<p><i>Explain: There will be a savings as it relates to maintenance versus reconstruction of street structures. In general, the cost of street replacement is 2 to 4 time more expensive than pavement maintenance. Investment in maintenance can help to defer expensive street reconstruction projects.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 10-15	

I.D. #27-09

Contact: Mikael Kilpela, City Engineer

Estimate Useful Life of Asset (Years): Varies

PURPOSE OF PROJECT:

<input type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

Areas of the City that currently do not have sidewalk are considered for extension if funds are available and/or becomes a priority due to safety issues.

TYPES OF SIDEWALK DEFICIENCIES

Slope or Rise – height

Opening – min. width

Spilling – max. depth

Curve – min. slope

Height – height

Surface texture – min. slope

Patch with Concrete

Slope or Rise – 1"

Opening – 2"

Spilling – 3"

Replace Section of Sidewalk

Slope or Rise – higher than 1"


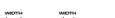







Spilling – deeper than 3"

Height – higher than 1"

Surface texture – steeper than 1"

Curve – shallower than 2"

Opening – wider than 2"


Estimate Asset Useful Life Extension (Years): 50

Postponement will ultimately increase costs for the following year due to labor, equipment, and material cost increases.

2027 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #27-10

DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various
	Project Title: Curbing Repair, Replacement, and Extension	Estimate Funding Request: \$100,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

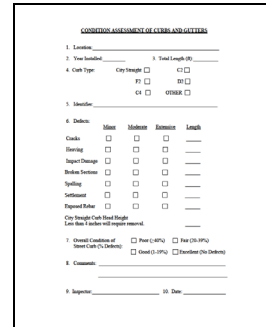
SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety

PURPOSE OF PROJECT:

<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The replacement of portions of curbing which have been determined by the Engineering and Public Works Departments to be in poor condition.</p> <p>Curbing provides a drainage way for storm water and directs it to the storm water structures. This alleviates flooding, water sitting on the pavement which causes street structure degradation. In addition, curbing provides a mechanism for erosion control. Curbing also provides a barrier between the street and the adjoining boulevard and sidewalk.</p> <p>Areas of the City that currently do not have curbing are considered for extension if funds are available and/or becomes a priority due to storm water erosion issues.</p>	<p>Picture Title: Curbing Replacement Criteria</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Sidewalk	<p><i>Explain: Estimate is hard to quantify. Replacement would decrease maintenance from erosion and street degradation.</i></p> <p><i>Postponement will ultimately costs for the following year due to labor, equipment, and material cost increases.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): 50	

2027 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. #27-11

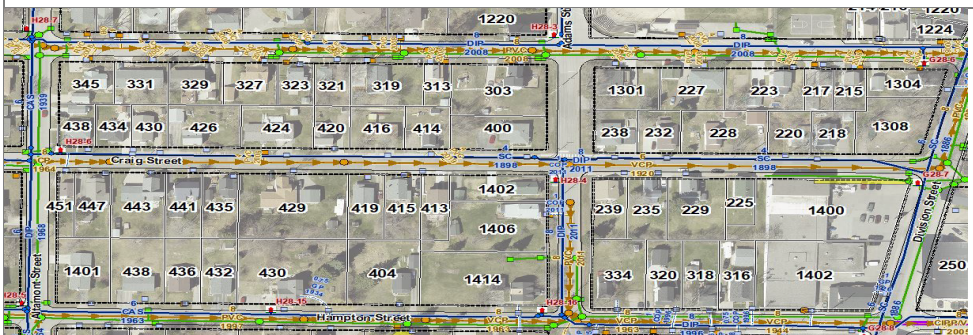
DEPARTMENT CONTACT INFORMATION

	Date: 5/4/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Craig Street – Division to Altamont
	Project Title: Craig Street Reconstruction	Estimate Funding Request: \$1,357,978
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Strategic and Master Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input checked="" type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>This project will replace a 4" 1898 SC water main that is undersized and beyond it's projected useful life with an 8" DI watermain. Replacement of the line will also include replacement of all service leads. This will benefit both domestic water quality and fire flows in the area. The 1920 6" VCP sanitary sewer main will also be replaced with a standard 8" PVC main. The existing main is known to have existing issues. Storm sewer and drain tile will be extended as needed. The road will be reconstructed to modern standards. Sidewalks will be replaced as needed and brought to within ADA compliance.</p>	<p>Picture Title: Craig Street</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Various	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement 50, Utilities 80-100	

2027 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. # 27-12


DEPARTMENT CONTACT INFORMATION

	Date: 4/18/2022	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Wastewater plant
	Project Title: By-pass Pump	Estimate Funding Request: \$150,000
	Contact: Mark O'Neill	Estimate Useful Life of Asset (Years): 30

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List NPDES Permit	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List _____	<input checked="" type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input type="checkbox"/> Upgrade/Replace Existing Asset	<input type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input checked="" type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>High river levels in the spring have at times caused the plants final clarifiers to not operate as designed. This has caused numerous permit violation during these events. This pump would allow us to close a valve and eliminate the influence of the river on the operation of the plant.</p>	<p>Picture Title:</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Wastewater	Explain: Elimination of permit violation caused by high river levels.
Outside Funding Sources: Yes, Marquette, Chocolay Township Amount: \$ 24,000	
Does Asset Have a Salvage Value? Choose an item. Amount: \$	
Estimate Asset Useful Life Extension (Years): 30	

CAPITAL IMPROVEMENT PROGRAM – 2027 PROJECT REQUEST FORM

I.D. #27-13


DEPARTMENT CONTACT INFORMATION

	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Front End Loader Replacement	Estimate Funding Request: \$300,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>Scheduled replacement of a 2011 front end loader used for utility digs and street maintenance</p>	<p>Picture Title: 2011 Case Loader</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$4000 / yr
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$10000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2027 PROJECT REQUEST FORM

I.D.# 27-14

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Motor Pool Vehicle Replacement (4)	Estimate Funding Request: \$146,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of four motor pool vehicles used in public works</p>	<p>Picture Title: 2014 Ford Van</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,500 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$3000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2027 PROJECT REQUEST FORM

I.D. # 27-15


DEPARTMENT CONTACT INFORMATION

	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Parks Mower Replacement	Estimate Funding Request: \$26,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>Scheduled replacement of mower used in parks maintenance</p>	<p>Picture Title: 2002 Walker Mower</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,000 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$2000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2027 PROJECT REQUEST FORM

I.D. # 27-16


DEPARTMENT CONTACT INFORMATION

	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Police Vehicle Replacement (3)	Estimate Funding Request: \$119,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>Scheduled replacement of three police patrol vehicles</p>	<p>Picture Title: Police Patrol Vehicles</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$2,000 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$2000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2027 PROJECT REQUEST FORM

I.D.# 27-17

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Road Patcher Replacement	Estimate Funding Request: \$300,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of a 1996 forced air road patcher used in street maintenance</p>	<p>Picture Title: 1996 Wildcat Road Patcher</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$3,500 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$5000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2027 PROJECT REQUEST FORM

I.D.# 27-18

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Tractor Replacement	Estimate Funding Request: \$35,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input checked="" type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of tractor used in cemetery maintenance</p>	<p>Picture Title: 2014 Kubota</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2027	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,500 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$5000	
Estimate Asset Useful Life Extension (Years):	

2027 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. # 27-19

DEPARTMENT CONTACT INFORMATION

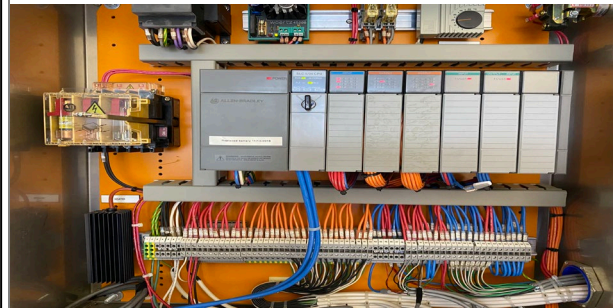
	Date: 4/18/2022	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Water Plant
	Project Title: Water Plant Plc's	Estimate Funding Request: \$75,000
	Contact: Mark O'Neill	Estimate Useful Life of Asset (Years): 20

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>The Water plant uses a computer network (SCADA) to control the plant. The main 2 PLC's were replaced in 2018 however the 8 plc's in the individual membrane's units were not replaced. That equipment is now going to be obsolete and in need of upgrading.</p>	<p>Picture Title:</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned:	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Water plant	Explain:
Outside Funding Sources: Choose an item. Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years):	

2028 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #28-01

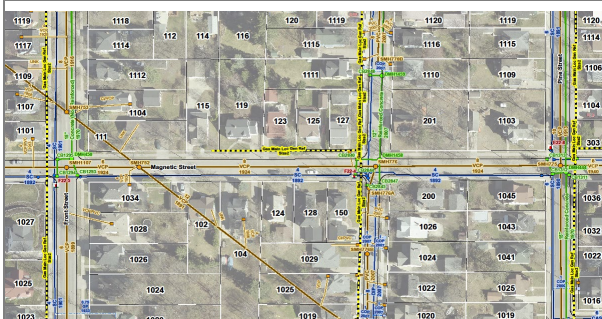
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Magnetic Street (Pine Street to Front Street)
	Project Title: Magnetic Street Reconstruction	Estimate Funding Request: \$955,094
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input checked="" type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The fire flows and the piping servicing the properties along this section of Magnetic Street are dependent on a 4-inch 1892 sand cast iron pipe. This project will upsize the existing pipe to 8-inch D.I. piping to improve fire flows, increase residential flows, and replace aged undersized pipe. The existing sanitary sewer is an 8-inch 1924 clay pipe and will be replaced with 8 inch PVC piping. The sanitary sewer manholes and laterals will be replaced. Minor work is expected on the existing storm sewer with the addition/replacement of catch basins at the intersections and extension from High Street towards Front Street. The street is currently rated a 3/4 under our Paser rating system. The curbing is in poor condition and will be replaced. Sidewalks will be replaced when required. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Magnetic St. (Pine to Front)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2028 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #28-02

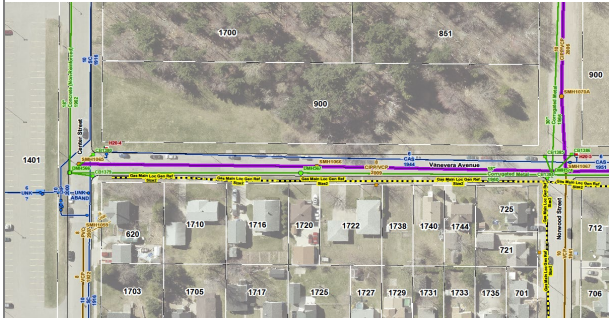
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Vanevera Ave. (Center Street to Norwood Avenue)
	Project Title: Vanevera Avenue Reconstruction	Estimate Funding Request: \$763,292
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The fire flows and the piping servicing the properties along this section of Vanevera Avenue Street are dependent on a 6-inch 1944 cast iron pipe. This project will upsize the existing pipe to 8-inch D.I. piping to improve fire flows, increase residential flows, and replace aged undersized pipe. The existing sanitary sewer was slip lined in 2009 and will not require replacement. The sanitary sewer manholes and laterals will be replaced. The storm sewer is 18-inch 1960 CMP and will be replaced with reinforced concrete piping. All storm structures will be replaced and there will be some added to the street to help storm water control. The street is currently rated a 3 under our Paser rating system. The curbing is in poor condition and will be replaced. Sidewalks will be replaced when required and extended where currently none exists. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Vanevera Ave. (Center to Norwood)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2028 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #28-03

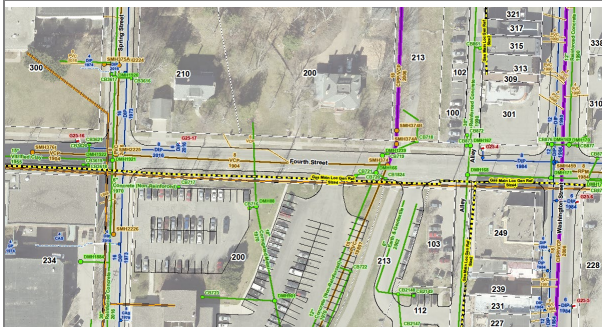
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Fourth Street (Spring Street to Washington Street)
	Project Title: Fourth Street Reconstruction	Estimate Funding Request: \$581,929
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan, CIP</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>This block of Fourth Street has two dead end water mains coming from each intersection. This project will place 8-inch D.I. piping to provide a loop to the system, improve fire flows, and increase residential flows. The existing sanitary is an 8-inch 1904 clay pipe and will be replaced with 8-inch PVC piping. The sanitary sewer manholes and laterals will be replaced. The storm sewer structures will be replaced, and areas extended to provide the appropriate storm water control. The street is currently rated a 9,8,4 under our Paser rating system. The curbing will be replaced if found in poor condition. Sidewalks will be replaced when required. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Fourth Street (Spring to Washington)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: General, Street, Water, Sanitary, Storm, Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2028 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D.#28-04

DEPARTMENT CONTACT INFORMATION


	Date: 5-10-22	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various)
	Project Title: Cured In Place Pipe Lining	Estimate Funding Request: \$400,000
	Contact: Mikael Kilpela – City Engineer	Estimate Useful Life of Asset (Years): Various

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input checked="" type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	<input type="checkbox"/> Other
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Trench less rehabilitation of sanitary sewer lines with the installation of a liner pipe. This project will rehabilitate approx. 5,000 feet of sanitary sewer with pipe sizes ranging from 6" dia. to 24" dia.</p> <p>The sanitary sewers in these locations require tremendous amounts of maintenance and need to be repaired or replaced. Cured in place pipe lining will increase the service life of these sewers in excess of 50 years. Cured in place pipe lining minimizes the disruption to traffic, avoids excavation in the street, avoids excavation in areas such as, parking lots, back yards, wooded areas, and areas of high structural interference. This process ultimately provides a cost savings to the City of Marquette.</p>	<p>Picture Title: Cured In Place Pipe Lining</p>  <p>Seals broken areas in Cast Iron, PVC, Orangeburg, Clay Pipes and More!</p>
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$N/A
Name of Account Funding: (Sanitary)	<p><i>Explain:</i> Lining is less expensive and more efficient than traditional open cut replacement methods, normally installed with little or no surface disruption. Costs have been shown to be 85% less expensive than open cut.</p> <p><i>Postponement will ultimately increase costs for the following year due to labor, equipment, and material cost increases.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): 50	

I.D. #28-05

Contact: Mikael Kilpela, City Engineer

Estimate Useful Life of Asset (Years): Varies

City of Marquette Road conditions by year


Year	Poor (PASI 1, 2, 3)	Fair (PASI 4, 5)	Good (PASI 7, 8, 9)
2012	8%	35%	40%
2013	8%	35%	40%
2014	9%	35%	40%
2015	9%	35%	40%
2016	9%	35%	40%
2017	8%	35%	40%
2018	8%	35%	40%
2019	8%	35%	40%
2020	8%	35%	40%
2021	8%	35%	40%

Explain: There will be a savings as it relates to maintenance versus reconstruction of street structures. In general, the cost of street replacement is 2 to 4 time more expensive than pavement maintenance. Investment in maintenance can help to defer expensive street reconstruction projects.

2028 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #28-06

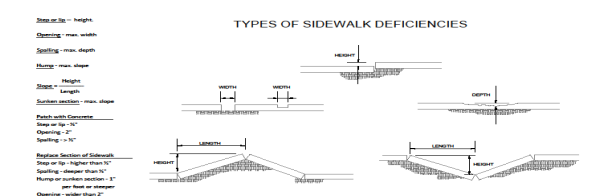
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various
	Project Title: Sidewalk Repair, Replacement, and Extension	Estimate Funding Request: \$100,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The replacement of portions of sidewalk which have been determined by the Engineering and Public Works Departments to be hazardous to the public. Continuing to keep sidewalks safe for the public benefits the City in any possible legal actions against the City for any possible injuries that may occur. Sidewalk repair is an ordinance requirement.</p> <p>Sidewalks are walked every year and inspected for conditions that may be hazardous to the walking public. Sidewalks that pose the greatest risk for a tripping hazard are priority for the replacement program.</p> <p>Areas of the City that currently do not have sidewalk are considered for extension if funds are available and/or becomes a priority due to safety issues.</p>	<p>Picture Title: Sidewalk Replacement Criteria</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Sidewalk	<p>Explain: Only effect would be if the sidewalk was being extended and was added to the plow route.</p> <p>Postponement will ultimately increase costs for the following year due to labor, equipment, and material cost increases.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): 50	

2028 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #28-07

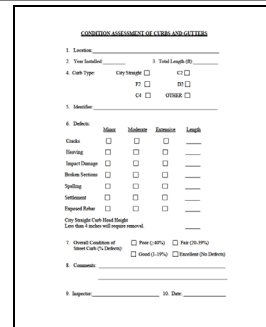
DEPARTMENT CONTACT INFORMATION

	Date: 5/10/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various
	Project Title: Curbing Repair, Replacement, and Extension	Estimate Funding Request: \$100,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The replacement of portions of curbing which have been determined by the Engineering and Public Works Departments to be in poor condition.</p> <p>Curbing provides a drainage way for storm water and directs it to the storm water structures. This alleviates flooding, water sitting on the pavement which causes street structure degradation. In addition, curbing provides a mechanism for erosion control. Curbing also provides a barrier between the street and the adjoining boulevard and sidewalk.</p> <p>Areas of the City that currently do not have curbing are considered for extension if funds are available and/or becomes a priority due to storm water erosion issues.</p>	<p>Picture Title: Curbing Replacement Criteria</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Sidewalk	<p><i>Explain: Estimate is hard to quantify. Replacement would decrease maintenance from erosion and street degradation.</i></p> <p><i>Postponement will ultimately increase costs for the following year due to labor, equipment, and material cost increases.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): 50	

2028 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. # 28-08

DEPARTMENT CONTACT INFORMATION

	Date: 5/2/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Lake Street – Hampton Street to US41
	Project Title: Lake Street Reconstruction	Estimate Funding Request: \$1,920,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

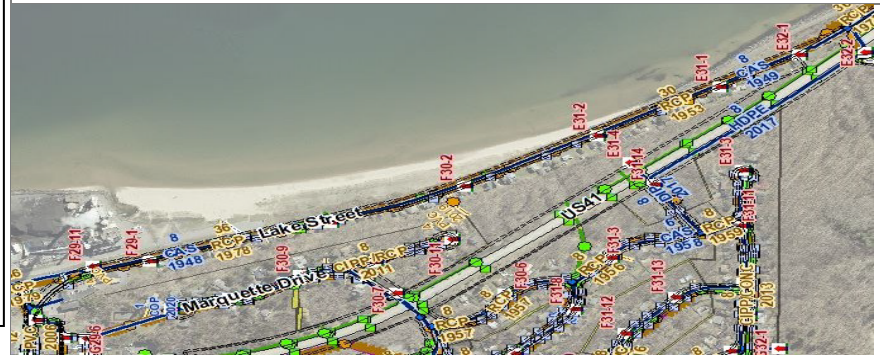
<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List: <u>Strategic and Master Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input checked="" type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

This proposed project will include replacement of an 8" CI watermain from 1948 along with the associated service lines. This watermain will be upsized to a 12" line to increase fire flows in South Marquette. Storm sewer culverts will added and replaced as needed. Sanitary services and manholes will be replaced as needed. The roadway will be reconstructed to modern standards and possibly utilize curbing in some locations. The roadway is currently rated as 4/10 and is expected to decline further by the time this project is to occur. The multi-use path will be impacted only needed for utility work.

Picture Title: Lake Street




PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Various	<p><i>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement 50, Utilities 80-100	

CAPITAL IMPROVEMENT PROGRAM – 2028 PROJECT REQUEST FORM

I.D. # 28-09

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Backhoe Replacement	Estimate Funding Request: \$200,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of a 2006 backhoe used for water and sewer repairs.</p>	<p>Picture Title: 2006 CAT backhoe</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$5,000 / yr
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$10000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2028 PROJECT REQUEST FORM

I.D.# 28-10

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Fire Truck Replacement	Estimate Funding Request: \$900,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 20

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of a 1996 Pierce ladder truck</p>	<p>Picture Title: 1996 Pierce Ladder Truck</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$20,000 / yr
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$Unknown	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2028 PROJECT REQUEST FORM

I.D.# 28-11


DEPARTMENT CONTACT INFORMATION

	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Motor Pool Vehicle Replacement	Estimate Funding Request: \$45,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

Scheduled replacement of truck used in public works maintenance	Picture Title: 2012 Ford F-350 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,000 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$3000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2028 PROJECT REQUEST FORM

I.D.# 28-12

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Parks Mower Replacement	Estimate Funding Request: \$45,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of mower used in parks maintenance</p>	<p>Picture Title: 2013 Walker Riding Mower</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,000 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$2000	
Estimate Asset Useful Life Extension (Years):	

2028 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. #28-13


DEPARTMENT CONTACT INFORMATION

	Date: 4/18/2022	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Pine Lift Station
	Project Title: Pine Street pump replacement	Estimate Funding Request: \$200,000
	Contact: Mark O'Neill	Estimate Useful Life of Asset (Years): 20

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>One pump at the Pine street lift station was replaced as part of the JCI project. This will replace a 21-year-old pump and allow us to get the full benefits of the JCI pump and improve reliability. This will include engineering, demolition, pipe, and pump replacement.</p>	<p>Picture Title:</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned:	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding:	Explain:
Outside Funding Sources: Choose an item. Amount: \$	
Does Asset Have a Salvage Value? Choose an item. Amount: \$	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2028 PROJECT REQUEST FORM

I.D. #28-14

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Plow Truck Replacement	Estimate Funding Request: \$350,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 20

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of a 1997 plow truck used for winter operations</p>	<p>Picture Title: 1997 International Plow Truck</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$10,000 / yr
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$5000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2028 PROJECT REQUEST FORM

I.D. # 28-15


DEPARTMENT CONTACT INFORMATION

	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Police Vehicle Replacement (3)	Estimate Funding Request: \$116,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>Scheduled replacement of three police patrol vehicles</p>	<p>Picture Title: Police Patrol Vehicles</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,000 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$2000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2028 PROJECT REQUEST FORM

I.D. #28-16

DEPARTMENT CONTACT INFORMATION


	Date: 5/22/2019	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Semi-Tractor Replacement	Estimate Funding Request: \$175,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 20

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of a 2004 semi-tractor used for hauling equipment and materials</p>	<p>Picture Title: 2004 Peterbilt Semi-Tractor</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2028	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$5,000 / yr
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$5000	
Estimate Asset Useful Life Extension (Years):	

2029 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #29-01

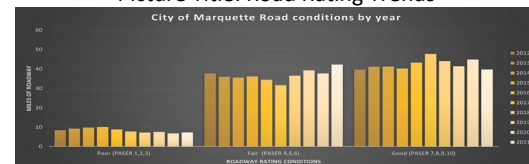
DEPARTMENT CONTACT INFORMATION

	Date: 5/3/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various
	Project Title: Street Improvement and Maintenance Project	Estimate Funding Request: \$1,583,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input checked="" type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The SIMP program is used to extend the useful service life of existing streets by resurfacing and crack sealing. It is recommended that this program is done on a yearly basis to keep the streets from deteriorating to a point where replacement is required. Street replacement is significantly more expensive than maintenance.</p> <p>Part of this program includes the replacement of curbing that is in poor condition. In addition, minor sanitary sewer replacement and storm sewer work may be required.</p> <p>A list of streets will be developed at a later date due to the constantly changing street conditions. Approximately 2 miles of street is projected to be resurfaced under this project.</p>	<p>Picture Title: Road Rating Trends</p>  <p>City of Marquette Road conditions by year</p> <p>Legend: 2012 (dark blue), 2013 (blue), 2014 (light blue), 2015 (teal), 2016 (green), 2017 (light green), 2018 (yellow-green), 2019 (yellow), 2020 (orange), 2021 (red).</p> <p>Y-axis: Miles of Road. X-axis: Roadway Rating Conditions (Poor (Pavement 1,2,3), Fair (Pavement 4,5,6), Good (Pavement 7,8,9,10)).</p> <p>Recommended Maintenance for Streets in Good Condition: Good (Pavement 7,8,9,10) - \$100,000 to \$150,000 per mile. (Note: This is done with annual street projects - repair should last 12 to 15 years.)</p> <p>Recommended Maintenance for Streets in Fair Condition: Fair (Pavement 4,5,6) - \$150,000 to \$200,000 per mile. (Note: This is done with annual street projects - repair should last 12 to 15 years.)</p> <p>Recommended Repair for Streets in Poor Condition: Poor (Pavement 1,2,3) - \$200,000 to \$300,000 per mile. (Note: This is done with annual street projects - repair should last 12 to 15 years.)</p>
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Street, Sanitary, Water, and Storm	<p><i>Explain: There will be a savings as it relates to maintenance versus reconstruction of street structures. In general, the cost of street replacement is 2 to 4 time more expensive than pavement maintenance. Investment in maintenance can help to defer expensive street reconstruction projects.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 10-15	

2029 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #29-02

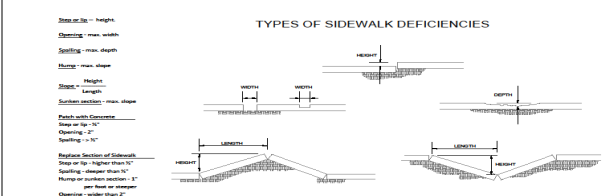
DEPARTMENT CONTACT INFORMATION

	Date: 5/2/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various
	Project Title: Sidewalk Repair, Replacement, and Extension	Estimate Funding Request: \$125,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): 0

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The replacement of portions of sidewalk which have been determined by the Engineering and Public Works Departments to be hazardous to the public. Continuing to keep sidewalks safe is a public benefit for City of Marquette residents and visitors. City Sidewalk repair is also a City Code requirement.</p> <p>Sidewalks are evaluated yearly for hazards. These hazards are prioritized to help determine repair locations.</p> <p>Areas of the City that currently do not have sidewalk are considered for extension if funds are available and/or becomes a priority due to safety concerns.</p>	<p>Picture Title: Sidewalk Replacement Criteria</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Sidewalk	<p><i>Explain: Extending sidewalk could lead to higher maintenance cost if it was added to the plow route.</i></p> <p><i>Postponement would lead to higher construction costs in the future due to inflation.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): 50	

2029 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #29-03

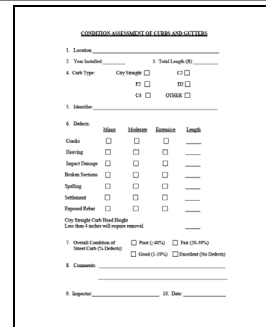
DEPARTMENT CONTACT INFORMATION

	Date: 5/2/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Various
	Project Title: Curbing Repair, Replacement, and Extension	Estimate Funding Request: \$125,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): 0

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The replacement of portions of curbing which have been determined by the Engineering and Public Works Departments to be in poor condition.</p> <p>Curbing provides a drainage way for storm water and directs it to the storm water structures. This alleviates flooding, water sitting on the pavement which causes street structure degradation. In addition, curbing provides a mechanism for erosion control. Curbing also provides a barrier between the street and the adjoining boulevard and sidewalk.</p> <p>Areas of the City that currently do not have curbing are considered for extension if funds are available and/or becomes a priority due to storm water erosion issues.</p>	<p>Picture Title: Curbing Replacement Criteria</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Stormwater	<p><i>Explain: Estimate is hard to quantify. Replacement would decrease maintenance from erosion and street degradation.</i></p> <p><i>Postponement will ultimately increase costs for the following year due to labor, equipment, and material cost increases.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): 50	

2029 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. #29-04

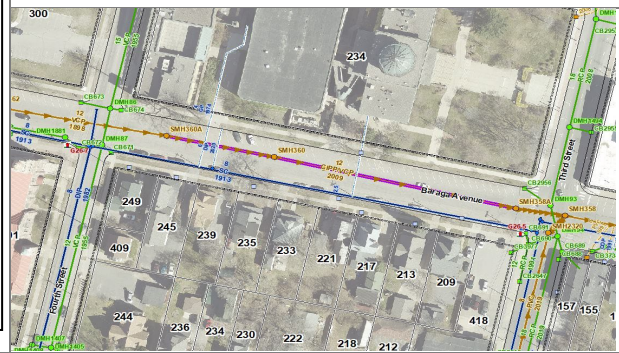
DEPARTMENT CONTACT INFORMATION

	Date: 5/2/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Baraga Avenue – Third to Fourth
	Project Title: Baraga Avenue Reconstruction	Estimate Funding Request:
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master and Strategic Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>This proposed project will include replacement of an 8" SC watermain from 1913 along with the associated service lines. Storm sewer will be extended to enhance drainage during storm event. Sanitary sewer services will be replaced that as needed based on material and condition. Sanitary manholes will be replaced. The sanitary sewer main was lined in 2009 and will not require replacement. The roadway will be reconstructed to modern standards and utilize curb and gutter. The roadway is currently rated as 7/10 but is expected to significantly decline by the time this project is to occur. Sidewalks will be replaced as needed for utility work and if tripping hazards exist. Sidewalk ramps will be made to comply with ADA standards.</p>	<p>Picture Title: Baraga Ave</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding:	<p><i>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</i></p>
Outside Funding Sources: Choose an item. Amount: \$	
Does Asset Have a Salvage Value? Choose an item. Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement 50, Utilities 80-100	

2029 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. #29-05

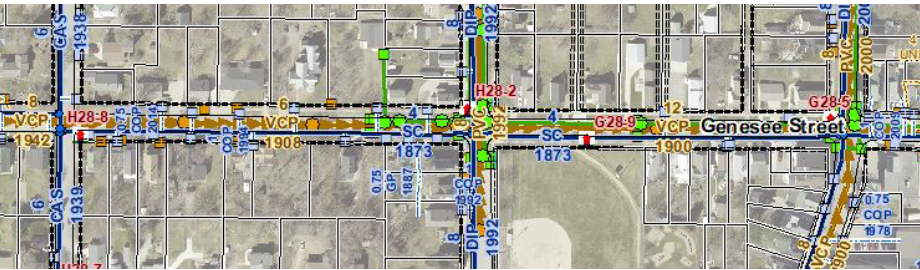
DEPARTMENT CONTACT INFORMATION

	Date: 5/2/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Genesee Street – Altamont to Division
	Project Title: Genesee Street	Estimate Funding Request:
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Strategic and Master Plan</u>	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>This proposed project will include replacement of an 1873 4" SC watermain with the associated service lines. Storm sewer will be replaced as needed to accommodate other utility replacement and additional intercepts will be added as needed. The 1900 VCP sanitary sewer main, manholes and services will be replaced. The roadway will be reconstructed to modern standards and utilize curb and gutter. The roadway is currently rated as 7/10 but is expected to decline significantly by the time this project is to occur. Sidewalks will be replaced as needed for utility work and if tripping hazards exist. Sidewalk ramps will be made to comply with ADA standards.</p>	<p>Picture Title: Genesee Street</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding:	<p><i>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement 50, Utilities 80-100	

2029 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. #29-06

DEPARTMENT CONTACT INFORMATION

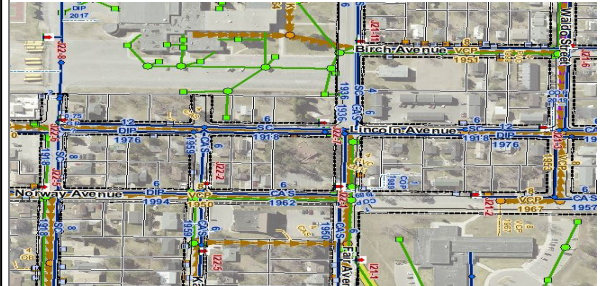
	Date: 5/3/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Lincoln Avenue – College to Waldo
	Project Title: Lincoln Avenue Reconstruction	Estimate Funding Request:
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Strategic and Master Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>This proposed project will include the removal of unnecessary parallel 1918 6" watermain and reinstatement of services to the parallel 1976 12" watermain. Storm sewer will be extended to enhance drainage during storm event. Sanitary sewer mains, manholes and services will be replaced. The roadway will be reconstructed to modern standards and utilize curb and gutter. The roadway has various sections rated between a 4/10 and 8/10 but is expected to decline significantly by the time this project is to occur. Sidewalks will be replaced as needed for utility work and if tripping hazards exist. Sidewalk ramps will be made to comply with ADA standards.</p>	<p>Picture Title: Lincoln Avenue</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Various	<p><i>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement 50, Utilities 80-100	

2029 CAPITAL IMPROVEMENT PROGRAM – PROJECT REQUEST FORM

I.D. #29-07

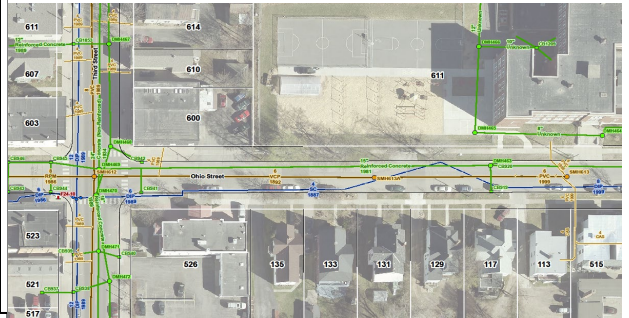
DEPARTMENT CONTACT INFORMATION

	Date: 5/2/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Third Street to a Point 450 Feet East
	Project Title: Ohio Street Reconstruction	Estimate Funding Request: \$463,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Master Plan, Strategic Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>The fire flows and the piping servicing the properties along this section of Ohio Street are dependent on a 4-inch 1887 sand cast iron pipe. This project will upsize the existing pipe to 8-inch D.I. piping to improve fire flows, increase residential flows, and replace aged pipe. The existing sanitary sewer is an 6 inch 1892 clay pipe and will be replaced with 8 inch PVC piping. The sanitary sewer manholes and laterals will be replaced. Work on the existing storm sewer will replace drainage structures. The street is currently rated a 4 under our Paser rating system. The curbing is in poor condition and will be replaced. Sidewalks will be replaced when required. The street cross section will be constructed to meet current design standards and guidelines.</p>	<p>Picture Title: Ohio Street (Third to a Point 450 Ft. East)</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Street, Sanitary, Water, Storm, and Sidewalk	<p>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement Structure 50, Utilities 80-100	

2029 CAPITAL IMPROVEMENT PROGRAM PROJECT REQUEST FORM

I.D. #29-09

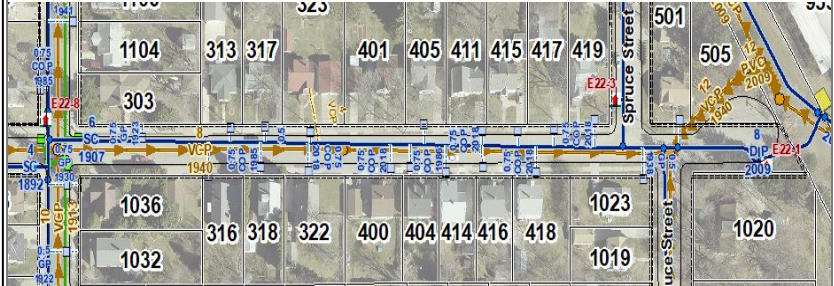
DEPARTMENT CONTACT INFORMATION

	Date: 5/2/2022	Department Priority: Low, Medium, High High
	Department: Community Development	Project Location: Magnetic Street – Pine Street to E. End
	Project Title: Magnetic Street Reconstruction	Estimate Funding Request: \$963,000
	Contact: Mikael Kilpela, City Engineer	Estimate Useful Life of Asset (Years): Varies

SYSTEM CATEGORY:

<input checked="" type="checkbox"/> Street System	<input checked="" type="checkbox"/> Sidewalk/Pathway System	<input checked="" type="checkbox"/> Regulatory or Ordinance Requirement List <u>GASB34, ACT 399 and 451, City Code Sec. 48</u>	<input type="checkbox"/> Expanded Service
<input checked="" type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input checked="" type="checkbox"/> Conforms to Adopted Plan List <u>Strategic and Master Plan</u>	<input type="checkbox"/> New Operation
<input checked="" type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input checked="" type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input checked="" type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>This proposed project will include replacement of an 6" SC watermain from 1907 along with the associated service lines. Storm sewer will be extended to enhance drainage during storm event. Sanitary sewer, mains, manholes and services will also be replaced. The roadway will be reconstructed to modern standards and utilize curb and gutter. The roadway is currently rated as 6/10 but is expected to decline significantly by the time this project is to occur. Sidewalks will be replaced as needed for utility work and if tripping hazards exist. Sidewalk ramps will be made to comply with ADA standards.</p>	<p>Picture Title: Magnetic Street</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$
Name of Account(s) Funding: Various	<p><i>Explain: There is a projected maintenance cost savings for the utilities and road. Postponement of this project could lead to higher maintenance costs and higher replacement cost in future years.</i></p>
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? No Amount: \$	
Estimate Asset Useful Life Extension (Years): Pavement 50, Utilities 80-100	

CAPITAL IMPROVEMENT PROGRAM – 2029 PROJECT REQUEST FORM

I.D. #29-10

DEPARTMENT CONTACT INFORMATION


	Date: 5/6/2022	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Front End Loader Replacement	Estimate Funding Request: \$350,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of a 2011 front end loader used for utility digs and street maintenance</p>	<p>Picture Title: 2011 Case Loader</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$4000 / yr
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$10000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2029 PROJECT REQUEST FORM

I.D. #29-11


DEPARTMENT CONTACT INFORMATION

	Date: 5/6/2022	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Motor Pool Vehicle Replacement (4)	Estimate Funding Request: \$240,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>Scheduled replacement of four motor pool vehicles used in public works with electric vehicles</p>	<p>Picture Title: 2014 Ford Van</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,500 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$3000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2029 PROJECT REQUEST FORM

I.D. #29-12


DEPARTMENT CONTACT INFORMATION

	Date: 5/6/2022	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Plow Truck Replacement	Estimate Funding Request: \$400,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 20

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input checked="" type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PROJECT DESCRIPTION

<p>Scheduled replacement of a 1999 plow truck used for winter operations</p>	<p>Picture Title: 1997 International Plow Truck</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$10,000 / yr
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$5000	
Estimate Asset Useful Life Extension (Years):	

CAPITAL IMPROVEMENT PROGRAM – 2029 PROJECT REQUEST FORM

I.D. #29-13

DEPARTMENT CONTACT INFORMATION


	Date: 5/6/2022	Department Priority: Low, Medium, High High
	Department: Public Work and Utilities	Project Location: Motor Pool
	Project Title: Police Vehicle Replacement (3)	Estimate Funding Request: \$150,000
	Contact: Eric Stemen	Estimate Useful Life of Asset (Years): 15

SYSTEM CATEGORY:

<input type="checkbox"/> Street System	<input type="checkbox"/> Sidewalk/Pathway System	<input type="checkbox"/> Regulatory or Ordinance Requirement List _____	<input type="checkbox"/> Expanded Service
<input type="checkbox"/> Sanitary Sewer System	<input type="checkbox"/> Public Buildings	<input type="checkbox"/> Conforms to Adopted Plan List _____	<input type="checkbox"/> New Operation
<input type="checkbox"/> Water System	<input type="checkbox"/> Public Parks/Grounds	<input checked="" type="checkbox"/> Upgrade/Replace Existing Asset	<input checked="" type="checkbox"/> Scheduled Replacement
<input type="checkbox"/> Storm Sewer/Drainage System	<input type="checkbox"/> Marinas	<input type="checkbox"/> New Asset	<input type="checkbox"/> Extend Asset Useful Service Life
<input type="checkbox"/> Bridge System	<input checked="" type="checkbox"/> Motor Pool/Fleet/Major Equipment	<input checked="" type="checkbox"/> Health and Safety Issue	
<input type="checkbox"/> Transportation Safety	<input type="checkbox"/> Public Safety	<input type="checkbox"/> Economic Development	

PURPOSE OF PROJECT:

PROJECT DESCRIPTION

<p>Scheduled replacement of three police patrol vehicles</p>	<p>Picture Title: Police Patrol Vehicles</p> 
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PROJECT PLANNING AND FINANCING

Proposed Fiscal Year Planned: 2029	Estimate New Effect on Operating Cost, Revenues, Staffing, etc? \$1,000 / yr each
Name of Account(s) Funding: Motor Pool	Explain: Cost to maintain newer equipment is much lower than that of older models
Outside Funding Sources: No Amount: \$	
Does Asset Have a Salvage Value? Yes Amount: \$2000	
Estimate Asset Useful Life Extension (Years):	