

Buildings Capital Improvement Plan

Building	Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-2035
DPW	Roof	Replace		2016	20								\$14,000
DPW	Interior	Painting											
DPW	Lights	replace exterior and shop lights	General	2015	20			\$3,000					\$12,000
DPW	Shop Heaters	Replace	General					\$5,000	\$4,500				
DPW	Out Buildings	repairs											
Water Plant	Interior	Painting											
Water Plant	Exterior	Brick repair											
Water Plant	Roof	replacement											
Water Plant	Windows	replacement											
WWTP	Main Building	repairs											
WWTP	Generator 1	replacement											
WWTP	Generator 2	Replacement											
WWTP	Chemical Building 1	Repairs											
WWTP	Chemical Building 2	Repairs											
WWTP	Pump Building	Repairs											
Guy Center	Roof	Replace	General	2002	30								
Guy Center	Windows	Replace	General	2011	25								
Guy Center	HVAC #1	Replace	General	2006	20								
Guy Center	HVAC #2	Replace	General	2006	20								
Guy Center	Roof	Replace Roof	General	2010	2					\$3,000			
Guy Center	Exterior	Painting& Back Wall	General	2010	10	\$3,000							
Guy Center	Interior	Painting		2010									
Guy Center	Carpeting	Replace	General	2012	10					\$4,000			
Library	Parking Lot	Repair	General								\$5,000		
Library	HVAC	replace	General								\$11,000		
Library	Exterior	replace doors	General									\$12,000	
Library	Roof	replace	General										\$30,000
Museum	Electric	replace	General	2018									\$2,500
Museum	Roof	replace	General	2009	20								
Museum	Exterior	general maintenance	General	1980	10								\$10,000
Museum	Windows	repair	General	1847	25						\$20,000		
Museum	HVAC	replace	General	2004	20					\$6,000			
Cemetery	Chapel	repairs	Cemetery										
Cemetery	Out Buildings	repairs - roof and door	Cemetery					\$3,000					
General	City Server	Replace	General	2008	10								\$15,000
General	Water/WW Server	PD Server- Total Cost is \$27,000	Police/Buildings & Grounds/Water & Sewer	2013			9000						
Belle River Pump Station	Generator	replace											
Belle River Pump Station	Building	Repair Roof	W/S		5			\$3,000					

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King Road Pump Station	King Road Pump Station	repair											
260 S Parker	Building	Repairs	General	2020	30								
Old City Hall	Annual exterior maintenance costs		General						\$7,000	\$7,000	\$7,000	\$7,000	\$70,000
		Total Cost:				\$3,000	\$9,000	\$11,000	\$4,500	\$13,000	\$36,000	\$12,000	\$83,500
Revenue Sources		Transfers/Grants				\$ -	\$ -	\$ -					
		Designated Funds				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Capital Equip Line Item (Total Cost from above):				\$3,000	\$9,000	\$11,000	\$4,500	\$13,000	\$36,000	\$12,000	\$83,500

Grounds Capital Improvement Plan

Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
300 Broadway		City funding										
1162'x5' of sidewalk		City funding										
15'x106' of sidewalk		City funding										
16'x55' of sidewalk		City funding										
12'x65' for parking west side of sidewalk (asphalt)	Installed in 2019	St Clair County Parks & Recreation millage funds	2019									
45'x70' parking lot in front of building (asphalt)	Installed in 2019	St Clair County Parks & Recreation millage funds	2019									
30'x50' parking lot behind building (cement)		City funding										
1 lamp pole	Original lamp post from the Old City Hall	Donated by Hubert Smith										
Ship's rudder	Came from the Protector (last wooden ship built on the shores of the Belle River)	City funding										
Capstan; used to be a ship's tie-off (unsure of its origin)		Donated by Marine City Historical Society										
15'x15' Gazebo		Donated by friends of City Hall	2015									
Sprinkler system w/control box		City funding										
50' flagpole		City funding										
1 Victor Stanley green bench		Donated by families in Marine City										

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Bell on a platform	Erected in 1976 by Fred Micoff	The bell was removed from the Marine City Intermediate School which was built in 1898 and the bell is known to pre-date the school	1976									
Boulder w/a plaque	Dedicated in 1920	Dedicated by the Labor Organizations to those honored patriots of Marine City who fell in the 1914-1919 World War	1920									
2 LED lights that shine on the building	Installed in 2018	Donated by the Historical Society of Marine City	2018									
1 LED light that shines on the flagpole	Installed in 2018	Donated by the Historical Society of Marine City	2018									
Mariner Park												
50'x30' pavilion w/cement pad and a 20 GFI plug	Installed in 2017	Donated by Denise & Chafic Kadouh	2017									

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
20'x30' restrooms: Each restroom includes: 2 sinks w/a 5'x8' mirror, soap dispensers & electric hand dryers. Women's bath has 3 stalls - one handicap. Men's has 2 stalls - one is handicapped along w/a urinal. Hot water tank in janitor's closet w/mop sink.		Donated by Denise & Chafic Kadouh										
14 picnic tables under the pavilion		Donated by Denise & Chafic Kadouh										
4 picnic tables in the park		Donated by Denise & Chafic Kadouh										
4 grills in the park		Donated by Denise & Chafic Kadouh										
3 Victor Stanley green park benches		Donated by families in Marine City										
2 green trash containers		City funding										
1 drinking fountain located in front of restrooms		Donated by Denise & Chafic Kadouh										
190' of sidewalk located in the park		Donated by Denise & Chafic Kadouh										
250' of seawall												

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
1 life ring w/50' of rope attached to pole in middle of park		Donated in 2017	2017									
135' of 4' chain link fence		City funding										
25'x100' parking lot	Installed in 2019	St Clair County Parks & Recreation millage funds	2019									
Beach												
Restrooms. Men's has a sink, toilet, 2 urinals, and electric hand dryer. Woman's has a sink, 2 toilets and an electric hand dryer.		Friends from River Rec Teen Zone got matching grants										
Parking lot 20'x100'	Installed in 2019	St Clair County Parks & Recreation millage funds	2019									
Parking lot 20'x40'		City funding										
10'x10' storage shed		City funding										
60' of wooden fence		City funding										
585' of 5' sidewalk		City funding										
3 black light poles		City funding										
5 picnic tables		City funding										
3 trash containers		City funding										
4 Victor Stanley green benches		Donated by families in Marine City										
Beach area: 224'x40'		City funding										

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3 sets of piling w/3 in each group for rope for swimming area		City funding										
1 life guard stand		City funding										
1 rope 420' long w/blue and white floatation device attached to mark swimming area		City funding										
1 life ring w/50' of rope attached to stand		Donated in 2017	2017									
Play area: sand 40'x70'	Installed in 2017	St Clair County Parks & Recreation millage funds	2017									
Playscape w/2 slides	Installed in 2017	St Clair County Parks & Recreation millage funds	2017									
Swing set w/1 handicap swing and 3 swings	Installed in 2018	Donated by Jason Markel & the Eagle Scouts	2018									
King Road Park												
300' of 5' sidewalk		City funding										

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
1 green park bench	Installed 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2019									
1 flat stone bench	Installed 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2019									
2 drinking fountains	Installed 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2019									
1 pavilion: 30'x35' built over a 25'x30' cement pad	Worked on building pavilion in 2010	The City and the Marine City Little League	2010									

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
Restroom (15'x20') w/4 bathrooms. Mens: sink, urinal and toilet. Women's: sink and toilet. Hot water and lighting included. 450' of 4" sanitary sewer. 115'x8' of sidewalk going around the restrooms and to the west bleachers on field #1.	Installed in 2015	Marine City Little League	2015									
Concession stand: 20'x25' along w/a 30'x35' cement pad in front of the stand. The stand has power along w/running water for the sink and hot water tank. 115' of 5' sidewalk leading to the pavilion. In 2019: added on to the the stand 10'x25' addition on the north side to store equipment	Installed in 2012: 20'x25' concession stand along w/a 30'x35' cement pad in front of the stand and 115' of 5' sidewalk leading to the pavilion. In 2019: added on to the the stand 10'x25' addition on the north side to store equipment	Marine City Little League	2012									
9 40' poles w/5 lights on each pole. Underground power along w/a transformer and power box w/plugs.	Installed in 1987. 1 pole and the lights on field #1 were replaced in 2013.	City funding	1987									

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
Ice rink: 107'x180'. The city ran an 8" water main and installed a fire hydrant so it could be easily filled.	Installed around 1997	City funding	1997									
75' of 5' wide sidewalk on the north side of courts from the parking lot to the shuffle board court. Two pads for cement benches and a drinking fountain on the north side of sidewalk. Also a 20'x5' sidewalk from the parking lot to the south end of the pickle ball court.	Installed in 2018 and 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2018 & 2019									
Basketball Court: 65'x85'. Sealed and striped along w/new poles, backboards, rims and nets. Transforms to an ice rink	Installed in 1995. In 2018 and 2019 the sealing, striping, new poles/backboards/rims/nets, sidewalk 40'x5' was installed from the parking lot to the court as well as being able to transform the court to an ice rink.	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	1995; updated 2018 & 2019									

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
Baseball field #1. 2 dugouts. Fenced in w/900' of chain link fence that is 5' tall and has 900' of yellow bumper guard on top of the fence. 100' of 12' high chain link fence for a backstop behind home plate. Home plate to center field fence: 270'. Home plate to left field fence: 266'. Home plate to right field fence: 266'. 4 poles: 20' in height	Dugouts were redone 2013. 4 poles were added in 2013	City funding	1980									
Field #1 cont'd: 20' apart w/netting between the poles behind left field fence. 2 bleachers on each side of home plate behind the backstop which sets on a 15'x15' pad. Largest field.												

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
Field #2: 2 dugouts. Fenced in w/756' of chain link fence that is 5' tall and has 756' of black bumper guard on top of the fence. 100' of 12' chain link fence for a back stop behind home plate. The dimensions of the field - Home plate to center field fence: 200', home plate to to left field fence: 190', home plate to right field fence: 200'. 2 bleachers	Dugouts were redone in 2013.	City funding	1980									
Field #2 cont'd: side of the home plate behind the backstop that sits on a 15'x15' pad. Medium sized field.												

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Field #3: No fencing; uses the berm from the ice rink for the boundaries. Installed a backstop 70'x12' high chain link fence behind home plate. 2 dugouts. Dimensions of the field - home plate to the center field berm: 194', home plate to left field berm: 121', home plate to right field berm: 154'. 1 bleacher. Smallest field.	Installed in 2014. Backstop installed in 2015. Dugouts added in 2019.	Marine City Little League										
Out building		City funding										
6 Dugouts	Redone around 2013	City funding	2013									
6 Bleachers		City funding										
75'x35' play area (wood chipped)	Installed in 2014	St Clair County Parks & Recreation millage funds	2014									
1 set of swings	Installed in 2014	St Clair County Parks & Recreation millage funds	2014									
1 play scape w/slide	Installed in 2014	St Clair County Parks & Recreation millage funds	2014									

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4 cement corn hole boards on two 8'x22' pads	Installed in 2018 and 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2018 & 2019									
Pickle ball court w/net, striping, paddles and balls. 23'x55'	Installed in 2018 and 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2018 & 2019									
Shuffle board court w/striping, pucks and shuffle sticks. 12'x55'	Installed in 2018 and 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2018 & 2019									
225' of 12' high chain link fence backstops		City funding	1980									
South field 756' of 5' chain link fence		City funding	1980									

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756' fence bumper cap black		City funding										
North field 900' of 5' chain link fence		City funding	1980									
900' fence bumper cap yellow		City funding										
1 electric scoreboard	Donated in 2017	Donated	2017									
115 of 6'x6' boarder poles that runs on the north side of the main drive and along the west and north side of the front parking lot	Installed in 2004	City funding	2004									
Storage shed: 15'x20' pad w/a green bench that overlooks the courts	Installed 2019	Grant from the Community Foundation of St Clair County and a grant from St Clair County Parks & Recreation for the King Road Project	2019									
85'x200' gravel parking lot		City funding										
60'x200' gravel parking lot		City funding										
65'x165' gravel parking lot; south side of the main drive by King Road		City funding										

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Sledding hill. Located at the end of the main drive. It's 210' wide at the bottom and 318' long and estimated 55' in height. A 4'x327' chain link fence runs along from the bottom to the top of the hill on both sides.	Installed in the late 1980s	City funding	1980s									
900'x40' gravel driveway (main drive runs from King Road to the sledding hill)		City funding										
4 20' poles w/netting		City funding										
5 plastic trash cans		City funding										
Washington St Park (Tot Lot)												
78'x78' play area w/wood chip bedding	Installed in 2014	St Clair County Parks & Recreation millage funds	2014									
Swing set w/3 swings		Came from Harsen's Island school that was closed in the 90s	1990s									

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Play scape w/slide		Came from Harsen's Island school that was closed in the 90s	1990s									
Merry-Go-Round		Came from Harsen's Island school that was closed in the 90s	1990s									
1 picnic table		City funding										
1 park bench		City funding										
1 trash can		City funding										
80' of 4' chain link fence		City funding										
225'x5' sidewalk		City funding										
Broadway Park												
528' of 8' sidewalk in the park	Part of the 2002 Beautification Project	Beautification Project	2002									
164' of 10' sidewalk in front of the park		City funding										
90' of 5' sidewalk on the north side of parking lot		City funding										
240' of seawall	Part of the 2002 Beautification Project	Beautification Project	2002									
85' of steel handrail painted green	Part of the 2002 Beautification Project	Beautification Project	2002									
65'x100' parking lot		City funding										
55' of guard rail	Part of the 2002 Beautification Project	Beautification Project	2002									

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20 parking blocks 8'x6"		City funding										
6 Victor Stanley green benches		Donated by families in Marine City										
1 flat cement bench		City funding										
3 green trash containers		City funding										
5 green light poles	Part of the 2002 Beautification Project	Beautification Project	2002									
1 life ring w/50' of rope attached to a light pole		Donated in 2017	2017									
1 cement bike rack		City funding										
2 ship mosaics; The Northerner & The R.R. Coburn	Donated/Installed in 2019	Donated by the Historical Society of Marine City	2019									
1 electric box w/plugs		City funding										
Naval Gun		On loan by the Naval History & Heritage Command and secured by the Heritage Museum										
Sprinkler system w/power box and pump		City funding										
Watchman Park												
50' of seawall		City funding										

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1 statue - A Mike Barker Steel Series 1		Doanted by the Historical Society of Marine City										
2 ship mosaics; The Newaygo & The Carrier	Donated/Installed in 2019	Donated by the Historical Society of Marine City	2019									
1 Victor Stanley green bench		Donated by families in Marine City										
50' of 10' sidewalk in front of park		City funding										
Waterworks Park												
2 30' flag poles w/Michigan flags	Installed 2016	St Clair County Parks & Recreation millage funds	2016									
1 35' flag pole w/mast w/the American flag and the flags of armed forces down the sides	Installed 2016	St Clair County Parks & Recreation millage funds	2016									
2 Victor Stanley green park benches		Donated by families in Marine City										
3 green light poles	Part of the 2002 Beautification Project	Beautification Project	2002									
One 5' picnic table		City funding										

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Police Memorial Monument	Funds raised and donated in the 2000s	Funds raised and donated from the Eagle Scouts	2000s									
Veteran's Memorial Monument	Donated in 1952	Doanted by the Marine City Lion's Club	1952									
Firemen's Memorial Monument	Funds raised and donated in 1985	Funds raised and donated by the Marine City Fire Department	1985									
70'x25' pad for monuments		City funding										
2 marble flat benches	Donated in 2016	Donated from the local VFW	2016									
145' of seawall	Part of the 2002 Beautification Project	Beautification Project	2002									
97' of green steel handrail	Part of the 2002 Beautification Project	Beautification Project	2002									
350' of 8' sidewalk inside of the park	Part of the 2002 Beautification Project	Beautification Project	2002									
121' of 10' sidewalk inside of the park	Part of the 2002 Beautification Project	Beautification Project	2002									
1 border patrol tower w/camera and control units		City funding										
5'x10' 3' high cement vault pumping station for waste tank for Water Plant backwash		City funding										
Lighthouse Park												

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367' of seawall	Part of the 2002 Beautification Project	Beautification Project	2002									
151' steel handrail	Part of the 2002 Beautification Project	Beautification Project	2002									
75'x40' volleyball court w/poles and net		City funding										
4 Victor Stanley green benches		Donated by families in Marine City										
3 green light poles	Part of the 2002 Beautification Project	Beautification Project	2002									
2 5' picnic tables		City funding										
1 life ring w/50' of rope attached to ring on the light pole		Donated in 2017	2017									
Lighthouse: 60' tall w/Marine City lettering and 3 lights that shine on the lettering. Radio Communication in tower.	Erected in 1908. Deactivated & Donated to Marine City in 1982	Donated	1982									
1 anchor w/a 8'x15' pad. Originally manufactured in Chester, Pennsylvania sometime in the first half of the 1900's.	Donated in 2015	Gary Kohs purchased the anchor & donated it in 2015 to Marine City	2015									
1 ladder for swimmers		City funding										

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Bike Repair Station	Installed in 2018	St Clair County Parks & Recreation millage funds	2018									
1 green bike rack	Installed in 2018	St Clair County Parks & Recreation millage funds	2018									
Civic Women's Park												
3 green light poles	Part of the 2002 Beautification Project	Beautification Project	2002									
2 green trash containers		City funding										
3 GFI pedestals w/plugs		City funding										
1 blue archway over entrance to park		Donated by the Civic Women's Club										
25'x35' cement pad w/4 wooden seat benches in middle of park		City funding										
2 Victor Stanley green benches		Donated by families in Marine City										
Sprinkler system w/pump and power box located SE corner of park		City funding										
103' seawall	Part of the 2002 Beautification Project	Beautification Project	2002									

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215' of 8' sidewalk in the park	Part of the 2002 Beautification Project	Beautification Project	2002									
103' of 10' sidewalk in front of the park		City funding										
70' of 3' flower beds		Donated by the Civic Women's Club										
2 ship mosaics; The D.F. Rose & The Maud	Donated/installed in 2019	Donated by the Historical Society of Marine City	2019									
Drake Park												
3 green light poles	Part of the 2002 Beautification Project	Beautification Project	2002									
2 green trash containers		City funding										
2 Victor Stanley green park benches		Doanted by families in Marine City										
1 ship anchor	Donated to the Marine City Lions Club for its installation in the 1980s	Salvaged by local maritime business Malcolm Marine Inc. and was donated to the Marine City Lions Club, according to the historical society	1980s									

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4 clusters of 3 wooden poles w/rope wrapped around them		City funding										
1 life ring on light pole w/50' of rope attached to the ring		Donated in 2017	2017									
2 ship mosaics; The Marine City & The Mary	Donaetd/installed in 2019	Donated by the Historical Society of Marine City	2019									
1 bike rack		City funding										
165' of seawall	Part of the 2002 Beautification Project	Beautification Project	2002									
1 electric box w/plugs located NW corner of park		City funding										
30'x20' ampitheater		Donated by Sherill & Christopher Zimmer										
Seating for 30'x20' ampitheater		Donated by Sherill & Christopher Zimmer										
456' of 8' walkway thru the park	Part of the 2002 Beautification Project	Beautification Project	2002									
159' of 10' walkway in front of the park		City funding										
Nautical Park												
6 Victor Stanley green benches		Donated by families in Marine City										

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6 green light poles	Part of the 2002 Beautification Project	Beautification Project	2002									
3 green trash containers		City funding										
50' of wooden handrail	Part of the 2002 Beautification Project	Beautification Project	2002									
162' of seawall	Part of the 2002 Beautification Project	Beautification Project	2002									
14 clusters of 3 wooden posts w/rope wrapped around them		City funding										
1 ship propeller; it was used by a ship sailing the Great Lakes and was raised from the St Clair River north of Marine City near the Marwood Bar		Erected and dedicated by the Marine City Rotary Club										
Titanic plaque w/2 Victor Stanley green benches		Funds raised by Dan & Marg of the Great Lakes Titanic Connection in 2018	2018									
569' of 9' asphalt sidewalk thru the park	Part of the 2002 Beautification Project	Beautification Project	2002									
162' of 10' sidewalk in front of the park on water street		City funding										

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Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
1 life ring on light poles has 50' rope attached to the ring		Donated in 2017	2017									
One 12' clock		Dedicated to Marine City in memory of William "Bill" Andrews January 10, 2009	2009									
2 electric boxes; one at the north end and one in the middle of the park		City funding										
Bridge to Bay Trail												
8,320 feet of 10' wide asphalt bike trail (or 1.62 miles)	Installed in 2000	Funded by the St Clair Parks & Recreation funds	2000									
2 green trash containers		City funding										
2 Victor Stanley green park benches		Donated by families in Marine City										
10 signage poles		City funding										
2 4x8 signs: "City of Marine City Bridge to Bay Trail"		City funding										
Ward Cottrell Park												

Grounds Capital Improvement Plan

Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
7 40' light poles - 2 lights each		City funding										
780' of 4' chain like fence		City funding										
200' of 8' chain link fence		City funding										
170' of backstop chain link fence		City funding										
Baseball field dimensions: home plate to center field is 175', home plate to right field is 175', home plate to left field is 175'		City funding										
1 electric scoreboard		Donated from the Marine City Little League										
3 sets of bleachers	Redone in the 2000s	Marine City Little League	2000s									
2 12'x20' dugouts	Redone in the 2000s	Marine City Little League	2000s									
1 concession stand w/bathrooms	Redone in the 2000s	Marine City Little League	2000s									
20'x40' pavilion w/a 20'x40' cement pad	Installed in the 2000s	Marine City Little League	2000s									
1 drinking fountain	Installed in the 2000s	St Clair County Parks & Recreation millage funds	2000s									
Cement pad 25'x80' in front of concession stand and under bleachers		City funding										
360' of 5' sidewalk		City funding										

Grounds Capital Improvement Plan

Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
100'x140' parking lot		City funding										
Street Ends												
Degurse	80' of easement and 60' of guardrail	City funding										
Gladys St. (W end)	45' of easement and 40' of guardrail	City funding										
Gladys St. (E end)	28' of guardrail	City funding										
Pittsburgh St. (E end)	48' of easement and 48' of guardrail	City funding										
Pittsburgh St. (W end)	24' of guardrail	City funding										
West Boulevard	65' of easement and 65' of guardrail	City funding										
Hill St.	30' of easement and 30' of guardrail	City funding										
W. St. Clair St.	52' of easement and 28' of guardrail	City funding										
West end of E. St. Clair	55' of easement	City funding										
Ward St.	55' of easement and 28' of guardrail	City funding										
Cottrell St.	58' of easement and 50' of guardrail	City funding										
Bell St.	45' of easement and 28' of guardrail	City funding										
Bell St. (W of M-29)	30' of easement and 30' of guardrail	City funding										
Maple St.	48' easement	City funding										
Chartier	30' of easement and 30' of guardrail	City funding										
Alger (W of M-29)	32' of easement and 32' of guardrail	City funding										
Bowery	40' of easement and 30' of guardrail	City funding										
Scott St.	20' of easement and 20' of guardrail	City funding										

Grounds Capital Improvement Plan

Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
Louis R. Miller St.	30' of easement and 30' of guardrail	City funding										
Woodworth St. (W of N. Mary)	28' of guardrail and 28' of easement	City funding										
Westminster St. (W of N. Mary)	40' of easement and 28' of guardrail	City funding										
Westminster St. (E of N. Mary)	40' of easement and 45' of guardrail	City funding										
Pearl St. (W of N. Mary)	65' of easement and 14 wooden 6'x6' poles	City funding										
Pearl St. (east end)	80' of easement and 80' of guardrail	City funding										
River St.	30' of easement and 30' of guardrail	City funding										
Washington St.	30' of easement	City funding										
Marine St. @ S. Elizabeth St.	60' of easement	City funding										
Union St.	29' of easement	City funding										
Jefferson St. (W of N. Mary)	30' of easement and 30' of guardrail	City funding										
Property on N Belle River from M-29 guardrail 100' south	100' of easement	City funding										
Riverview	40' of easement and 25' of guardrail	City funding										

Grounds Capital Improvement Plan

Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-35
Biff Labhaum Bridge	211' of guardrail, 362' of handrail, 22' of 4' chain link fence, 58' of yellow handrail, 1,088' of sidewalk, 1 Victor Stanley green bench, 4 light poles, 6 navigational lights under bridge for boat traffic, 1 power panel, (NE corner) 56'x80' pie shaped easement, (SE corner) 100'x121' of easement, (NW corner) 258'x40' of easement, (SW corner) 40'x112' of easement	St. Clair County Authority, MDOT, & City funding	2012									
Parking Lots												
Jefferson St. Parking lot												
Market St. Parking Lot												
	Total Cost:				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Sources												
	Transfers/Grants											
	Designated Funds											
	Capital Equip Line Item (Total Cost from above):				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Equipment Capital Improvement Plan

Item	Comments	Funding Source	In Service Year	Useful Life Yrs	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-2035
	Net Cost- Operating Revenue				\$ 67,025	\$ 67,025	\$ 80,525	\$ 71,225	\$ 138,025	\$ 270,000	\$ 165,000	\$ 443,025

Water Plan Capital Improvement Plan

Item	Comments	In Service Year	Useful Life Yrs	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-2035
Filter #1	Sand/Gravel/Media Replacement Every 5 Years		5	\$10,000					\$10,000		\$10,000
Filter #2	Sand/Gravel/Media Replacement Every 5 Years		5				10,000			\$10,000	\$10,000
Filter #3	Sand/Gravel/Media Replacement Every 5 Years		5			\$10,000					\$10,000
Aluminum Chemical Feed Pump # 1		2019	3		\$800			\$800			\$800
Aluminum Chemical Feed Pump #2		2019	3		\$800			\$800			800
Bleach Pump # 1		2020	3		\$800			\$800			\$1,200
Bleach Pump # 2		2020	3		\$800			\$800			\$1,200
Low Lift Pumps & Motors	QTY = 3	2007	15						\$6,500		\$65,000
V.F.D. Drives for 2 Low Lift Pumps	QTY = 2	2007	12						\$12,000		
Low Service Pump #1	Motor has been replaced; pumps have not	2007	20								\$40,000
Low Service Pump #2	Motor has been replaced; pumps have not	2007	20								\$40,000
High Service Pump #3	motor and pump replaced	2019	20		\$35,000						
Alum Mixing Motor #1		1997	25								15,000
Alum Mixing Motor #2		1997	25								15,000
Flocculators Mixers and Motor #1		2007	20								
Flocculators Mixers and Motor #2			20								\$23,000
Chlorine in-line Meters/Sedimentary Basin/Final Tap Water #1		2017	7						5,000		\$5,000
Meters/Sedimentary Basin		2021	7							\$5,000	\$5,000
Filter Meter #1		2007	10					\$5,000			
Filter Meter #2		2007	10								\$5,000
Filter Meter #3		2007	10						5,000		
P.H./Flouride/Meter		2017	4			\$1,900					\$1,900
Lab Turbidity Meter		2017	4			\$1,600					\$1,600
Other lab equipment	Chemical mixer, lab refrigerator, etc	2020	6			\$4,000					
Final Tap & Distribution Flow Meter		2017	6						\$4,000		\$4,000
Aluminum Sulfate & Chlorine Storage Tanks	\$500/each	2017	10								\$3,000
Settling Basin Lining							\$90,000				
Incubator (Lab)		2019	3		\$1,700			\$1,700			
Water Bath (Lab)		2015	5			\$1,500					\$1,500
Auto Clave (Lab Equipment)		2018	3	\$1,700						\$1,700	\$1,700
Misc. Pumps,Piping & Small Valve Replacement					\$20,000	\$24,000	\$24,000	\$24,000	\$30,000	\$30,000	\$30,000
Electric Repairs Cleanup					\$3,000	\$3,000	3,000				

Water Plan Capital Improvement Plan

Item	Comments	In Service Year	Useful Life Yrs	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	10 Years 2025-2035
Roof		2012	20								\$6,000
Exterior Building Maintenance										\$30,000	
Alarm System		1994			\$6,000					\$6,000	
Departmental Server-City Offices	PD Server-Total Cost is \$27,000. Split with Police/Buildings & Grounds/ Water & Sewer			\$4,500							
Plant Computers/Furniture					\$3,000	\$2,000					
Clear Well Inspection					\$2,000				\$3,000		
PLC Replacement							35,000	35,000	\$35,000		
Scada Program	Up Dated	2020	10		\$35,000						\$40,000
Water Intake	Install cribbing				\$20,000						
	Total Cost:			\$16,200	\$128,900	\$48,000	\$162,000	\$68,900	\$110,500	\$82,700	\$336,700
Revenue Sources	Equipment Disposal Revenue:										
	Grants:										
	Designated Funds:			\$ 16,500	\$ 103,600						
	Net Cost- Operating Revenue			\$ (300)	\$ 25,300	\$ 48,000	\$ 162,000	\$ 68,900	\$ 110,500	\$ 82,700	\$ 336,700

