				In Service	Useful								10 Years
Building	Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-2035
DPW	Roof	Replace		2016	20								\$14,000
DPW	Interior	Painting											
DPW	Lights	replace exterior and shop	General	2015	20			\$3,000					\$12,000
		lights		2015	20								<b>Φ12,000</b>
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	Police/Buildings	2013			9000						
		\$27,000	& Grounds/Water										
			& Sewer										
Belle River Pump Station	Generator	replace											
Belle River Pump Station	Building	Repair Roof	W/S		5			\$3,000					

				In Service	Useful								10 Years
Building	Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-2035
King Road Pump Station	King Road Pump Station	repair											
260 S Parker	Building	Repairs	General	2020	30								
Old City Hall	Annual exterior		General						\$7,000	\$7,000	\$7,000	\$7,000	\$70,000
	maintenance costs								\$7,000	\$7,000	φ7,000	\$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				\$-	\$-	<mark>\$</mark> -					
	Designated Funds					\$-	\$-	<mark>\$</mark> -	\$-	\$-	\$-	\$-	\$-
	Capital Equip Line Iter					\$3,000	¢0,000	\$11,000	¢4 500	\$13,000	\$26,000	\$12.000	\$83,500
	Capital Equip Line It (Total Cost from abov					<b>\$3,000</b>	\$9,000	\$11,000	\$4,500	φ13,000	\$36,000	\$12,000	<b>\$63,500</b>

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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	Installed in 2019		2019									
side of sidewalk (asphalt)		Parks &										
		Recreation										
		millage funds										
45'x70' parking lot in front	Installed in 2019	St Clair County	2019									
of building (asphalt)		Parks &										
		Recreation										
		millage funds										
30'x50' parking lot behind		City funding										
buildling (cement)		, ,										
1 lamp pole	Original lamp post from the	Donated by										
	Old City Hall	Hubert Smith										
Ship's rudder	Came from the Protector (last	City funding										
	wooden ship built on the											
	shores of the Belle River)											
Capstan; used to be a		Donated by										
ship's tie-off (unsure of its		Marine City										
origin)		Historical Society										
15'x15' Gazebo		Donated by	2015									
		friends of City	2010									
		Hall										
Sprinkler system		City funding										
w/control box												
50' flagpole		City funding										
1 Victor Stanley green		Donated by										
bench		families in Marine										
		City										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
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										
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 builiding	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									

			In Service									10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
20'x30' restrooms: Each		Donated by										
restroom includes: 2		Denise & Chafic										
sinks w/a 5'x8' mirror,		Kadouh										
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.												
SINK.												
14 picnic tables under the		Donated by										
pavilion		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		Donated by										
park benches		families in Marine										
2 green trash containers		City City funding										
z green trash containers												
1 drinking fountain		Donated by										
located in front of		Denise & Chafic										
restrooms		Kadouh										
190' of sidewalk located		Donated by										
in the park		Denise & Chafic										
		Kadouh										
250' of seawall												

		In Service									10 Years
Item	Comments	Funding Source Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
1 life ring w/50' of rope		Donated in 2017 2017									
attached to pole in middle											
of park											
135' of 4' chain link fence		City funding									
25'x100' parking lot	Installed in 2019	St Clair County 2019 Parks & Recreation millage funds									
Beach											
Restrooms. Men's has a		Friends from									
sink, toilet, 2 urinals, and		River Rec Teen									
electric hand dryer.		Zone got									
Woman's has a sink, 2		matching grants									
toilets and an elecrtic		55									
hand dryer.											
Parking lot 20'x100'	Installed in 2019	St Clair County 2019									
		Parks &									
		Recreation									
		millage funds									
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		Donated by									
benches		families in Marine									
		City									
Beach area: 224'x40'		City funding									

	0	Europhic of October	In Service	Useful	0040 0040	0040.00	0000.04	0004.00	0000.00	0000.04	0004.05	10 Years
Item 3 sets of piling w/3 in each group for rope for swimming area	Comments	Funding Source City funding	Year		2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
1 life guard stand 1 rope 420' long w/blue and white floatation device attached to mark swimming area		City funding 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										
SUU OI 5 SIGEWAIK		City funding										

			In Service	Useful							10 Years
Item	Comments	Funding Source	Year	Life Yrs 2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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								

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				2010-20						
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.	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									

	0 - mm - mt -		In Service	Useful	0040 0040	0040.00	0000.04	0004.00	0000.00	0000.04	0004.05	10 Years
Item Ice rink: 107'x180'. The city ran an 8" water main and installed a fire hydrant so it could be easily filled.	Comments Installed around 1997	Funding Source City funding	Year 1997		2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
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.		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			2019									

			In Service									10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Baseball field #1. 2 dugouts. Fenced in	Dugouts were redone 2013. 4 poles were added in 2013	City funding	1980									
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												
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.												

			In Service	Useful								10 Years
Item	Comments	Funding Source		Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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.		1980									
Field #2 cont'd: side of the home plate behind the backstop that sits on a 15'x15' pad. Medium sized field.												

			In Service	Useful							10 Years
Item	Comments	Funding Source	Year	Life Yrs 2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Field #3: No fencing;	Installed in 2014. Backstop	Marine City Little									
uses the berm from the	installed in 2015. Dugouts	League									
ice rink for the	added in 2019.										
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.											
Out building		City funding									
6 Dugouts	Redone around 2013	City funding	2013								
6 Bleachers		City funding									
75'x35' play area (wood	Installed in 2014	St Clair County	2014								
chipped)		Parks &									
		Recreation									
		millage funds									
1 set of swings	Installed in 2014	St Clair County	2014								
		Parks &									
		Recreation									
		millage funds									
1 play scape w/slide	Installed in 2014	St Clair County	2014								
		Parks &									
		Recreation									
		millage funds									

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
4 cement corn hole boards on two 8'x22' pads	Installed in 2018 and 2019		2018 & 2019									
Pickle ball court w/net, striping, paddles and balls. 23'x55'	Installed in 2018 and 2019		2018 & 2019									
Shuffle board court w/striping, pucks and shuffle sticks. 12'x55'	Installed in 2018 and 2019		2018 & 2019									
225' of 12' high chain link fence backstops		City funding	1980									
South field 756' of 5' chain link fence		City funding	1980									

	O a marta	Europhia a October	In Service	Useful	0040.0040	0040.00	0000.04	0004.00	0000.00	0000.04	0004.05	10 Years
Item 756' fence bumper cap	Comments	Funding Source City funding	Year	LITE YIS	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
black												
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										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
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	Installed in the late 1980s	City funding	1980s									
hill on both sides.												
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									

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs 2	018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Play scape w/slide		Came from	1990s									
		Harsen's Island										
		school that was										
		closed in the 90s										
Merry-Go-Round		Came from	1990s									
		Harsen's Island										
		school that was										
		closed in the 90s										
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										
		City funding										
Broadway Park												
528' of 8' sidewalk in the	Part of the 2002 Beautification	Beautification	2002									
park	Project	Project	2002									
164' of 10' sidewalk in		City funding										
front of the park												
90' of 5' sidewalk on the		City funding										
north side of parking lot												
240' of seawall	Part of the 2002 Beautification	Beautification	2002									
	Project	Project										
85' of steel handrail	Part of the 2002 Beautification		2002									
painted green	Project	Project										
65'x100' parking lot		City funding										
55' of guard rail	Part of the 2002 Beautification		2002									
	Project	Project										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
20 parking blocks 8'x6"		City funding										
6 Victor Stanley green		Donated by										
benches		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	Beautification	2002									
	Project	Project										
1 life ring w/50' of rope		Donated in 2017	2017									
attached to a light pole												
1 cement bike rack		City funding										
2 ship mosaics; The	Donated/Installed in 2019		2019									
Northerner & The R.R.		Historical Society										
Coburn		of Marine City										
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		City funding										
box and pump												
Watchman Park												
50' of seawall		City funding										

			In Service									10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
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		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		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										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Police Memorial	Funds raised and donated in	Funds raised and	2000s									
Monument		donated from the										
		Eagle Scouts										
Veteran's Memorial			1952									
Monument		Marine City Lion's										
		Club										
Firemen's Memorial		Funds raised and	1985									
Monument		donated by the										
		Marine City Fire										
		Department										
70'x25' pad for		City funding										
monuments												
2 marble flat benches		Donated from the	2016									
		local VFW	0000									
145' of seawall	Part of the 2002 Beautification		2002									
	-	Project										
97' of green steel handrail	Part of the 2002 Beautification		2002									
	-	Project										
350' of 8' sidewalk inside			2002									
of the park	Project	Project										
121' of 10' sidewalk	Part of the 2002 Beautification	Beautification	2002									
inside of the park	Project	Project										
1 border patrol tower		City funding										
w/camera and control												
units												
5'x10' 3' high cement		City funding										
vault pumping station for												
waste tank for Water												
Plant backwash												
Lighthouse Park												

			In Service									10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
367' of seawall	Part of the 2002 Beautification		2002									
	-	Project										
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. Originially manufactured in Chester, Pennsylvania sometime in the first half of the 1900's.		Gary Kohs purchased the anchor & donated it in 2015 to Marine City	2015									
1 ladder for swimmers		City funding										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Bike Repair Station	Installed in 2018		2018									
		Parks &										
		Recreation										
		millage funds										
1 green bike rack	Installed in 2018		2018									
		Parks &										
		Recreation										
		millage funds										
Civic Women's Park												
Civic Women's Faik												
3 green light poles	Part of the 2002 Beautification		2002									
	Project	Project										
2 green trash containers		City funding										
3 GFI pedestals w/plugs		City funding										
1 blue archway over		Donated by the										
entrance to park		Civic Women's										
		Club										
25'x35' cement pad w/4		City funding										
wooden seat benches in												
middle of park												
2 Victor Stanley green		Donated by										
benches		families in Marine										
		City										
Sprinkler system w/pump		City funding										
and power box located												
SE corner of park												
4001		De evitifie e tiere	0000									
103' seawall	Part of the 2002 Beautification		2002									
	Project	Project										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
215' of 8' sidewalk in the			2002									
park	Project	Project										
103' of 10' sidewalk in		City funding										
front of the park												
70' of 3' flower beds		Donated by the										
		Civic Women's										
		Club										
	Donated/installed in 2019		2019									
Rose & The Maud		Historical Society										
		of Marine City										
Drake Park		Destification	0000									
3 green light poles	Part of the 2002 Beautification Project	Project	2002									
		-										
2 green trash containers		City funding										
2 Victor Stanley green		Doanted by										
park benches		families in Marine										
		City										
1 ship anchor	Donated to the Marine City	Salvaged by local	1980s									
	Lions Club for its installation in											
	the 1980s	business										
		Malcolm Marine										
		Inc. and was										
		donated to the										
		Marine City Lions										
		Club, according										
		to the historical										
		society										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
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										
Neutical Dark												
Nautical Park 6 Victor Stanley green benches		Donated by families in Marine City										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
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										

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

			In Service									10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
7 40' light poles - 2 lights		City funding										
each												
780' of 4' chain like fence		City funding										
200' of 8' chain link fence		City funding										
170' of backstop chain		City funding										
link fence												
Baseball field		City funding										
dimensions: home plate												
to center field is 175',												
home plate to right field is												
175', home plate to left												
field is 175'												
1 electric scoreboard		Donated from the										
		Marine City Little										
		League										
3 sets of bleachers	Redone in the 2000s	Marine City Little	2000s									
		League										
2 12'x20' dugouts	Redone in the 2000s	Marine City Little	2000s									
		League	0000									
1 concession stand w/bathrooms	Redone in the 2000s	Marine City Little League	2000s									
20'x40' pavilion w/a	Installed in the 2000s	Marine City Little	2000s									
20'x40' cement pad		League	20003									
1 drinking fountain	Installed in the 2000s		2000s									
5		Parks &										
		Recreation										
		millage funds										
Cement pad 25'x80' in		City funding										
front of concession stand												
and under bleachers												
360' of 5' sidewalk		City funding										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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										

			In Service	Useful								10 Years
Item	Comments	Funding Source	Year	Life Yrs	2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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		2012		2018-2019	2019-20	2020-21	2021-22	2022-23	2023-24	2024-23	2023-33
	corner) 40'x112' of easement											
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

			In Service	Useful Life								10 Years
Item	Comments	Funding Source	Year	Yrs	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-2035
Work Truck #1	Chevy Pick-up Truck	General/Water & Sewer	2006	20								
Work Truck #2	Ford Expedition	General	2006	25								
Work Truck #3	GMC Suburban	General	1999	25					\$40,000			
Work Truck #4	GMC Truck	General	2018	25								
Work Tool Truck #5	Chevy	Water/Sewer	2015	20								
Tractor/Loader #1	John Deere 955	General/Water & Sewer	1993	20							\$45,000	
Snow Bucket	10' attachable snow bucket for 2018JCB	Local & Major Roads		20			\$6,500					
Tractor/Loader #2	John Deere	General/Water & Sewer	2014	10								\$48,000
Backhoe #2	JCB	Water/Sewer	2005	20								\$120,000
Backhoe #3	JCB	Water/Sewer	2018	20								
Mower #1	Exmark	General	2016	7								\$9,000
Mower #2	Exmark	General	2005	7				\$9,200				\$9,000
Mower #3	Lazer Exmark	General	2011	7								
1-Ton #1	GMC	General/Water & Sewer	2004	20								\$60,000
1-Ton #2	Chevy	General/Water & Sewer	2015	20								
Heavy Duty Truck #1	Ford Sterling	General/Water & Sewer	2000	20						\$120,000		
Heavy Duty Truck #2	Ford Sterling	General/Water & Sewer	2000	20							\$120,000	
Dump Truck	International	General/Water & Sewer	2013	20								\$120,000
Boom Truck	GMC	General	1992	20					\$35,000			
Sewer Cleaner Truck	Camel-6 Year	Water/Sewer	2018	20	\$67,025	\$67,025	\$67,025	\$67,025	\$67,025			\$67,025
	Lease/Purchase		2018	20	Ş07,025	307,025	\$07,025	307,025	307,025			307,023
Sweeper	Elgin	Major/Local	2000	20						\$170,000		
ATV	Polaris Ranger	General	2013	15								\$10,000
Push Camera	T.V Sanitary sewer	Sewer		10			\$7,000					
Air Compressor	Sullair 260	General	2011	25								
	Total Cost:				\$ 67,025	\$67,025	\$ 80,525	\$ 76,225	\$ 142,025	\$ 290,000	\$ 165,000	\$ 443,025
	Equipment Disposal							\$ 5,000	\$ 4,000	\$ 20,000		
Revenue Sources	Revenue:							φ 5,000	ə 4,000	φ 20,000		
	Grants:											
	Designated Funds:											

#### Equipment Capital Improvement Plan

ltem	1	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				\$ 67,025	\$ 67.025	\$ 80.525	\$ 71 225	\$ 138 025	\$ 270.000	\$ 165,000	\$ 443,025
		Revenue				\$ 07,023	\$ 07,023	Ş 80,323	\$ 71,223	Ş 138,023	\$ 270,000	\$ 105,000	\$ 443,023

		In Service	Useful								10 Years
Item	Comments	Year	Life Yrs	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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
Flocculaters Mixers and Motor #1		2007	20								
Flocculaters 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			<mark>\$1,600</mark>					\$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			<mark>\$1,500</mark>					\$1,500
Auto Clave (Lab Equipment)		2018	3	\$1,700						\$1,700	\$1,700
Misc. Pumps, Piping & Small Valve					\$20,000	\$24,000	\$24,000	\$24,000	\$30,000	\$30,000	\$30,000
Replacement					\$20,000	\$24,000	ş24,000	γ <b>24,000</b>	350,000	30,000	\$50,000
Electric Repairs Cleanup					\$3,000	\$3,000	3,000				

		In Service	Useful								10 Years
ltem	Comments	Year	Life Yrs	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	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

				Useful Life	Rem Life	Life Based On								10 Years
Item	Comments	Category	In Service Year	Yrs	Years	Condition	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Misc. piping, valves, pumps, bearings,							\$20,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
electrical	Waste Water Treatment Plant						\$20,000	\$30,000	\$30,000	\$30,000	\$50,000	\$50,000	\$50,000	\$50,000
Door Replacement	Waste Water Treatment Plant							\$4,000						
Grating Replacement	Waste Water Treatment Plant		2019	10				\$5,000	\$3,000					\$7,000
Replacement of lab equipment (Dryoven, Chlorine Probe, pH Probe, etc.)	Waste Water Treatment Plant			3				\$6,000				\$7,000		\$7,000
Raw Sewage Pump - Influent Pump 1	Belle River Pump Station	Process	1994	30	7	12			\$15,000					\$15,000
Raw Sewage Pump - Influent Pump 2	Belle River Pump Station	Process	1994	30	7	12				\$15,000				
Raw Sewage Pump - Influent Pump 3	Belle River Pump Station rebuild	Process	2019	10	10	10		\$4,000			\$15,000			\$10,000
Raw Sewage Pump - Influent Pump 4	Belle River Pump Station	Process	2019	30	30	30		\$15,000						
Air Compressor: AC-3	Belle River Pump Station	MECH.	1995	20	-2	-2	•							\$6,000
Analytical Meter: AIT-100	Belle River Pump Station: First Floor	INSTRUM.	1992	15	-10	-10								\$6,000
Flow Meter: FIT-50-1	Belle River Pump Station: Intermediate Plan	INSTRUM.	1992	15	-10	-10								\$24,000
Level Meter: LIT-50-1	Belle River Pump Station: Foundation Plan	INSTRUM.	1992	15	-10	-10								\$4,500
Level Meter: LIT-50-2	Belle River Pump Station: Foundation Plan	INSTRUM.	1992	15	-10	-10								\$4,500
Control Panel: I/P Panel	Belle River Pump Station: Foundation Plan	SCADA	1992	20	-5	-5								\$20,000
Control Panel: PSCP	Belle River Pump Station: First Floor	SCADA	1992	20	-5	-5								\$60,000
Generator	Belle River Pump Station: First Floor	ELECTRICAL	1992	30	5	5								\$70,000
Auto Transfer Switch: 400A ATS	Belle River Pump Station: First Floor	ELECTRICAL	1992	40	15	15	•							\$12,000
Transformer: Outdoor Transformer	Belle River Pump Station: First Floor	ELECTRICAL	1992	40	15	15								\$37,000
Transformer: Transformer LPR	Belle River Pump Station: First Floor	ELECTRICAL	1992	40	15	15								\$4,000
Motor Control Center: MCC-R	Belle River Pump Station: First Floor	ELECTRICAL	1992	40	15	15								\$75,000
Disconnect Switch: Service Entrance Disconnect	Belle River Pump Station: First Floor	Process	1992	30	5	0						\$8,363		
Sodium Hypochlorite Tank: Tank Chlorine- 1	Chemical Bldg No. 2	Process	1994	35	12	17								
Sodium Hypochlorite Tank: Tank Chlorine- 2	Chemical Bldg No. 2	Process	1994	35	12	17								
Sodium Hypochlorite Pump: Pump Chlorine-1	Chemical Bldg No. 2	Process	2019	5	5	5		\$800						\$2,000
Sodium Hypochlorite Pump: Pump Chlorine-2	Chemical Bldg No. 2	HVAC	2019	5	5	5		\$800						\$2,000
Slide Gate: F-50-1	Chlorine Contact Tanks: Tank No. 1	Process	1994	35	12	17								

#### Wastewater Capital Improvement Plan

				Useful Life	Rem Life	Life Based On								10 Years
Item	Comments	Category	In Service Year	Yrs	Years	Condition	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Slide Gate: F-50-2	Chlorine Contact Tanks: Tank No. 2	Process	1994	30	7	12								\$12,000
Sluice Gate: S-50-1	Chlorine Contact Tanks: Tank No. 1	Process	1994	30	7	12								\$30,000
Sluice Gate: S-50-2	Chlorine Contact Tanks: Tank No. 2	Process	1994	35	12	17								\$30,000
Telescoping Valve: TSV-50-1	Chlorine Contact Tanks: Tank No. 1	Process	1994	35	12	17								\$10,000
Telescoping Valve: TSV-50-2	Chlorine Contact Tanks: Tank No. 2	Process	1994	30	7	12								\$10,000
Chlorine Mixer: Mixer-01	Chlorine Contact Tanks	INSTRUM.	1994	30	7				\$4,500					\$7,000
Flow Meter: FIT-10	Chlorine Contact Tanks	Process	1992	15	-10	-10								
Scum Pump: Scum Pump-02	Chemical Bldg No. 2: Basement	Process	1994	35	12	17								\$30,000
Plant Effluent Water: PEW System-01	Chemical Bldg No. 2: Basement	Process	1994	35	12	12			\$10,000					\$55,000
Plant Effluent Water Strainer: PEW Strainer	Chemical Bldg No. 2: Basement	Process	1994	35	12	12								\$45,000
Control Panel: PEW Pumps Control Panel	Chemical Bldg No. 2: Electrical Room Basement	ELECTRICAL	1992	20	-5	-10								
Transformer: Transformer-LP-1	Chemical Bldg No. 2: Electrical Room	ELECTRICAL	1992	40	15	15								\$4,000
Heating, Ventilation, & Conditioning: HVAC-1	Service Building: Mechanical Room	HVAC	1995	25	3	8								\$17,500
Air Cooled Condensing Unit: ACC-1	Service Building: Mechanical Room	HVAC	1995	20	-2	-2				\$5,000				
Air Compressor: AC-1	Service Building: Mechanical Room	MECH.	1995	25	3	3								\$10,000
Vacuum Pump: VP-1	Service Building: Mechanical Room	MECH.	1995	25	3	3								\$5,000
Air Dryer: Airdryer-1	Service Building: Mechanical Room	MECH.	1995	20	-2	-2								
Sampler: Samp-1	Service Building: Sample Room	Process	1995	30	8	13			\$8,000					\$8,000
Sampler: Samp-2	Service Building: Sample Room	Process	1995	30	8	13				\$8,000				\$8,000
Backflow Preventor: BFP-1	Service Building: Mechanical Room	MECH.	1995	30	8	13				\$4,000				\$4,000
Backflow Preventor: BFP-2	Service Building: Mechanical Room	MECH.	1995	30	8	13				\$4,000				\$4,000
Backflow Preventor: BFP-3	Service Building: Mechanical Room	MECH.	1995	30	8	13					\$4,000			\$4,000
Backflow Preventor: BFP-4	Service Building: Mechanical Room	MECH.	1995	30	8	13					\$4,000			\$4,000
Control Panel: Temp/Boiler Control Panel	Service Building: Mechanical Room 112	HVAC	1994	20	-3	-3							\$12,500	
Control Panel: Air Compressor Control Panel	Service Building: Mechanical Room 112	HVAC	1992	20	-5	10								\$10,000
Generator	Service Building: Outside of Elec. Room 119	ELECTRICAL	2007	30	20	20								
Transformer: T-3 (LP-A)	Service Building: Electrical Room 119	ELECTRICAL	1992	40	15	15								\$5,000
Transformer: T-5 (LP-L)	Service Building: Control Room 109	ELECTRICAL	1992	40	15	15								\$4,500
Transformer: T-4 (LP-C)	Service Building: Control Room 109	ELECTRICAL	1992	40	15	15								\$4,500
Transformer: T-1	Service Building: Outside of Electrical Room 119	ELECTRICAL	1992	40	15	15								\$90,000
Transformer: T-2	Service Building: Outside of Elec. Room 119	ELECTRICAL	1992	40	15	15								\$90,000

				Useful Life	Rem Life	Life Based On								10 Years
Item	Comments	Category	In Service Year	Yrs	Years	Condition	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Low Voltage Unit Substation: LVUS	Service Building: Electrical Room 119	ELECTRICAL	1994	40	17	17								
Disconnect Switch: Fused Load Break	Service Building: Outside of Electrical	FLECTRICAL	1002	40	15	15								¢50.000
Switch	Room 119	ELECTRICAL	1992	40	15	15								\$50,000
Disconnect Switch: Fused Load Break	Service Building: Outside of Electrical	ELECTRICAL	1992	40	15	15								ć50.000
Switch	Room 119	ELECTRICAL	1992	40	15	15								\$50,000
Screw Pump: Screw Pump-01	Influent Pump Station	Process	1994	30	7	7					\$175,000			\$195,000
Screw Pump: Screw Pump-02	Influent Pump Station	Process	1994	30	7	7							\$175,000	\$195,000
Screenings Conveyor: Conveyor	Service Building: Grit & Screen Room	Process	1994	30	7	12								\$27,000
Screening		Process	1994	50	/	12								\$27,000
Manual Bar Screen: BAR-Screen-01	Service Building: Grit & Screen Room	Process	1994	30	7	12								\$5,000
Manual Bar Screen: BAR-Screen-02	Service Building: Grit & Screen Room	Process	1994	30	7	12								\$225,000
Grit Dewatering System: Grit Dewatering-	Service Building: Grit & Screen Room	Process	1994	30	7	7								\$90,000
Grit Pump: Grit Pump-01	Servie Building: Pump Room	Process	1994	30	7	2			\$32,000					
Grit Drive: Grit Drive-01	Service Building: Grit Chamber	Process	1994	30	7	12			<i>\$32,000</i>					\$75,000
Parshall Flume: Parshall Flume-01	Service Building: Grit Chamber	Process	1994	50	27	32								<i>\$73,000</i>
Analytical Meter: AIT-18	Service Building: Outside of Grit & Screen Room	INSTRUM.	1992	15	-10	-10								
Flow Meter: FIT-1	Service Building: Outside of Pump Room	INSTRUM.	1992	15	-10	-10				\$18,000				
Control Panel: MCP	Service Building: Control Room 109	SCADA	1992	20	-5	-5								\$60,000
Control Panel: FICP (Fire Alarm)	Service Building: Outside of Control Room	FIRE PROT	1992	20	-5	-5								\$10,000
Control Panel (Update All System): Grit System Control Panel	Service Building: Pump Room	ELECTRICAL	1992	20	-5	-5				\$25,000				
Starter: A1 Starter (Raw Sewage Pump)	Service Building: Electrcal Room 119	ELECTRICAL	1992	20	-5	-5		\$3,150						
Starter: B1 Starter (Raw Sewage Pump)	Service Building: Electrical Room 119	ELECTRICAL	1992	20	-5	-5							\$3,150	
Motor Control Center: MCC-A	Service Building: Electrical Room 119	ELECTRICAL	1994	40	17	17								
Motor Control Center: MCC-B	Service Building: Electrical Room 119	ELECTRICAL	1994	40	17	17								
Lighting Panel: LP-A	Service Building: Electrical Room 119	ELECTRICAL	1992	40	15	15								\$7,000
Lighting Panel: LP-C	Service Building: Control Room 109	ELECTRICAL	1991	40	14	14								\$6,000
Lighting Panel: LP-L	Service Building: Control Room 109	ELECTRICAL	1992	40	15	15								\$6,000
Disconnect Switch: Raw Sewage Pump-1 (DS)	Service Building: Electrical Room 119	ELECTRICAL	1992	40	15	15								\$1,500

				Useful Life	Rem Life	Life Based On								10 Years
Item	Comments	Category	In Service Year	Yrs	Years	Condition	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Disconnect Switch: Raw Sewage Pump-2 (DS)	Service Building: Electrical Room 119	ELECTRICAL	1992	40	15	15								\$1,500
Ferric Chloride Tank: Tank Ferric-01	Chemical Building No. 1	Process	1985	40	8	13								\$27,000
Ferric Chloride Pump: Pump Ferric-01	Chemical Building No. 1	Process	1998	30	11	16								\$4,000
Ferric Chloride Pump: Pump Ferric-02	Chemical Building No. 1	Process	1994	30	7	12								\$4,000
Polymer Feed Pump: Pump Polymer-1	Chemical Building No. 1	Process	1994	30	7	12								\$4,000
Polymer Feed Pump: Pump Polymer-2	Chemical Building No. 1	Process	1994	30	7	12								\$4,000
Anionic Polymer Storage Tank: Tank Polymer-1	Chemical Building No. 1	Process	1994	30	7	12								\$9,000
Anionic Polymer Mixer: Mixer Polymer-1	Chemical Building No. 1	Process	1994	30	7	7								\$6,000
Tepid Water Tank: TW-1	Chemical Building No. 1	MECH.	2002	25	10	15								\$1,500
Level Meter: LIT-21	Chemical Building No. 1: Outside of Electrical Room 119	INSTRUM.	1992	15	-10	-10								\$4,500
Control Panel	Main Building No. 1:	INSTRUM.	1992	20	-5	-5			\$25,000					
control Panel PLC	out of date 1992								+	\$85,000				
Motor Control Center: MCC-C	Chemical Building No. 1: Electrical Room	ELECTRICAL	1992	40	15	15								\$25,000
Lighting Panel: LP-D	Chemical Building No. 1: Electrical Room	ELECTRICAL	1991	40	14	14								\$4,500
Disconnect Switch: MCC-D Main Service Disconnect	Chemical Building No. 1: Electrical Room	ELECTRICAL	1992	40	15	15								\$1,200
Disconnect Switch: MCC-C Main Service Disconnect	Chemical Building No. 1: Electrical Room	ELECTRICAL	1992	40	15	15								\$1,200
Slide Gate: F-20-1	Oxidation Ditch: Blending Chamber	Process	1994	30	7	12								\$13,000
Slide Gate: F-20-2	Oxidation Ditch: Blending Chamber	Process	1994	30	7	12								\$13,000
Sluice Gate: S-20-1	Oxidation Ditch: Channel 2	Process	1994	30	7	12								\$24,000
Sluice Gate: S-20-2	Oxidation Ditch: Channel 3	Process	1994	30	7	12								\$24,000
Aeration Rotor: AR-1A & 1B	Oxidation Ditch: Channel 2-3	Process	1994	35	12	17					\$80,000			
Aeration Rotor: AR-2A & 2B	Oxidation Ditch: Channel 2-3	Process	1994	35	12	17						\$80,000		
Aeration Rotor: AR-3	Oxidation Ditch: Channel 1	Process	1994	30	7	12							\$80,000	
Aeration Rotor: AR-4	Oxidation Ditch: Channel 1	Process	1994	30	7	12								\$80,000
Aeration Rotor: AR-5	Oxidation Ditch: Channel 1	Process	1994	30	7	12								\$62,000
Aeration Rotor: AR-6	Oxidation Ditch: Channel 1	Process	1994	30	7	12								\$62,000
Tilting Weir: TW-1	Oxidation Ditch: Channel 1-2	Process	1994	30	7	12								\$27,000
Tilting Weir: TW-2	Oxidation Ditch	Process	1994	30	7	12								\$27,000
Motor Control Center: MCC-E	Oxidation Ditch & Final Clarifiers: North of Clarifier	ELECTRICAL	1992	40	15	15								\$47,000

				Useful Life	Rem Life	Life Based On								10 Years
ltem	Comments	Category	In Service Year	Yrs	Years	Condition	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Motor Control Center: MCC-F	Oxidation Ditch & Final Clarifiers: North of Clarifier	ELECTRICAL	1992	40	15	15								\$49,000
Lighting Panel: LP-E (Inside MCC-E)	Oxidation Ditch & Final Clarifiers: North of Clarifier	ELECTRICAL	1992	40	15	15								\$3,000
Lighting Panel: LP-F (Inside MCC-F)	Oxidation Ditch & Final Clarifiers: North	ELECTRICAL	1992	40	15	15								\$3,000
Sludge Collector Mechanism: Sludge Collector-1	Final Clarifier No. 1	Process	1994	35	12	12								\$225,000
Sludge Collector Mechanism: Sludge Collector-2	Final Clarifier No. 2	Process	1994	35	12	12								\$225,000
Slide Gate: F-30-1	Final Clarifiers: Tank No. 1	Process	1994	35	12	17								
Slide Gate: F-30-2	Final Clarifiers: Tank No. 2	Process	1994	35	12	17								
Waste Sludge Pump: Waste Sludge Pump		Process	2014	30	27	32								
- Waste Sludge Pump: Waste Sludge Pump 2	Pump Building: Basement	Process	1994	30	7	7								\$61,000
Flow Meter: FIT-8	Pump Building: Basement	INSTRUM.	1992	15	-10	-10								\$3,000
Control Panel: Polyblend Control Panel	Pump Building: First Floor	ELECTRICAL	1992	20	-5	-5								
Transformer: Transformer LP-H	Pump Building: First Floor	ELECTRICAL	1992	40	15	15								\$4,000
Motor Control Center: MCC-G	Pump Building: First Floor	ELECTRICAL	1992	40	15	15								\$25,000
Motor Control Panel: MCC-H	Pump Building: First Floor	ELECTRICAL	1992	40	15	15								\$30,000
Lighting Panel: LP-H	Pump Building: First Floor	ELECTRICAL	1992	40	15	15								\$4,000
Disconnect Switch: MCC-H Service Disconnect	Pump Building: Basement	ELECTRICAL	1992	40	15	15								\$1,200
Disonnect Switch: MC-G Service Disconnect	Pump Building: Basement	ELECTRICAL	1992	40	15	15								\$1,200
Screw Pump: Screw Pump-03	Return Sludge Pum Station replaced	Process	2019	15	15	15		\$35,000						
Screw Pump: Screw Pump-04	Return Sludge Pum Station replaced	Process	2019	15	15	15		\$35,000						
Slide Gate: F-40-1	Return Sludge Pum Station	Process	1994	30	7	12								\$12,000
Slide Gate: F-40-2	Return Sludge Pum Station	Process	1994	30	7	12								\$12,000
Flow Meter: FIT-7	Return Sludge Pum Station	INSTRUM.	2019	15	15	15								\$13,500
Sludge Transfer Pump: Sludge Pump-01	Chemical Building No. 2: Basement	Process	1994	35	12	17								
Roof Ventilator: RV-3	Chemical Building No. 2: Near Stairs	HVAC	1995	30	8	13								\$2,500
Roof Fan: RF-15	Chemcial Building No. 2: Wet Well	HVAC	1995	25	3	8								\$9,000
Flow Meter: FIT-2	Chemical Building No. 2: Electrical Room First Floor	INSTRUM.	1992	15	-10	-10								\$4,500
Control Panel: CP-2	Chemical Building No. 2: Electrical Room First Floor	SCADA	1992	20	-5	-5								\$50,000
Motor Control Center: MCC-1	Chemical Building No. 2: Electrical Room	ELECTRICAL	1992	30	5	5								\$30,150

				Useful Life	Rem Life	Life Based On								10 Years
Item	Comments	Category	In Service Year	Yrs	Years	Condition	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-35
Sludge Blower: Blower-01	Pump Building: Basement	Process	1994	35	12	17								
Sludge Blower: Blower-02	Pump Building: Basement	Process	1994	35	12	17								
Sludge Blower: Blower-03	Pump Building: Basement	Process	1994	50	27	32								
Cationic Polymer Feed Pump: Pump Polymer-3	Pump Building	Process	1994	30	7	7								\$4,000
Sludge Thickener Screen: Sludge Screen-1	Sludge Thickener No. 1	Process	1994	30	7	12								\$14,000
Sludge Thickener Screen: Sludge Screen-2	Sludge Thickener No. 2	Process	1994	30	7	12								\$14,000
	PD Server-Total Cost is \$27,000. Split with Police/Buildings & Grounds/ Water & Sewer						\$4,500							
Sump Pump: SP-3	Sludge Storage Building	MECH.	2010	20	13	13								\$1,000
	Total Cost:						\$24,500	\$138,750	\$127,500	\$194,000	\$308,000	\$125,363	\$300,650	\$3,177,450
Revenue Sources	Equipment Disposal Revenue:													
	Grants: Designated Funds:													
							(\$20,000)	(\$45,000)						
	Net Cost- Operating Revenue						-\$20,000	-\$45,000	\$0	\$0	<b>\$0</b>	<b>\$0</b>	\$0	\$0