

CAPITAL IMPROVEMENT PLAN

FY 2018/19 – FY 2023/24

OVERVIEW

The City of Saginaw annually compiles a six-year plan of Capital expenditures. A capital improvement is a major and permanent project requiring the non-recurring expenditure of public funds for the acquisition of any property, construction, renovation, or replacement of any physical asset of the community. A capital expenditure is an expense that will benefit both current and future budget years, is of a tangible nature, and has a value of more than \$20,000.

The total cost of the six-year program from FY 2018/19 to FY 2023/24 is \$102,177,736. The FY 2018/19 Capital Improvement Plan consists of Capital purchase requests in the amount of \$26,353,586, of which only \$18,638,919 have been included in the 2018/19 Budget. The Office of Management and Budget (OMB) in conjunction with the department heads are responsible for the general review and summation of the Capital Improvement Plan and submitting it to the City Manager for prioritization and approval. The Capital Improvement Plan is developed with the City's annual budget.

The City's objective is to work in partnership with others to maintain, improve, and develop the city-owned infrastructure. The goal of the Capital Improvement Plan is to provide guidance as needed for capital improvement and expenditures in a fiscally sound manner. Furthermore, this plan hopes to ensure that all capital improvements are consistent with the goals and policies of the City Council and the residents of the City of Saginaw.

The Capital Improvement Plan is vital to the City because it provides for equipment acquisition, enables new construction or upgrades of public facilities and infrastructure, and has a positive impact on the local economy. In addition, this plan is a necessary step in an organized effort to strengthen the quality of public facilities and services as well as provide a framework for the realization of community goals and objectives. It also provides a sound basis on which to build a healthy and vibrant community. Recognition of this importance prompted city administration to propose additions to, and finance continuation of, the existing CIP.

CAPITAL IMPROVEMENT PROCESS

The Capital Budget Process follows the same preparation schedule as the Operating Budget Process. The following details the three steps in developing a capital improvement plan.

Departments

The capital budget process begins at the department level. Department directors are responsible for the development of functional plans and long-term capital improvement schedules for the next six years. Departments are also responsible for the development of project requests prepared on a standard computer template that is provided to them from OMB. This data is then sent to OMB for review.

Office of Management and Budget

OMB is responsible for creating the capital budget for the City. This office develops the necessary procedures with the departments. At the onset of the budget development process, staff provides instructions for the input of the proposed project into the capital improvement plan electronic format. At the same time a schedule of due dates are provided to each department. Once each department has updated the electronic forms and submitted to the OMB, staff reviews these plans and discuss discrepancies with the departments. A project request summary is prepared and given to the City Manager for review and prioritization.

City Manager/City Council

The City Manager evaluates capital project requests and determines which capital expenditure projects should be undertaken. The capital projects are then presented to City Council and the City's Planning Commission along with a capital financing strategy for review and approval. If City Council approves the action presented, then it is legally enacted through the passage of an ordinance.

FUNDING RELATIONSHIP BETWEEN OPERATING AND CAPITAL BUDGETS

The operating budget includes expenditures that generally recur annually and are appropriated for a single year. These include personnel, utilities, professional services, supplies, and maintenance costs. It provides for all City services, but does not result in major physical assets in the city. Major revenue sources to fund operating budgets are generated in taxes, state revenue sharing monies, grants, user fees, fines and forfeitures, intergovernmental payments, one-time revenue sources, and appropriations of unrestricted fund equity.

The capital budget, in contrast, usually includes one-time expenditures for projects that may last more than one year. The result of these projects is physical assets to the City. Wide fluctuations are expected in the capital budget from year to year depending on the phasing of projects and resources available to fund these projects. Resources for the capital budget generally come from the issuance of General Obligation Bonds or Revenue Bonds, Federal or State aid programs, grants, or foundations, service groups, business and private donations.

Regardless of the differences, the operating budget assumes the cost of maintaining and operating new or renovated facilities that involve capital investment. In many instances, the operating budget would have to be adjusted on an ongoing basis. Capital Improvement Budgets, on the other hand, will result in reductions in maintenance costs through the replacement or improvement of older less efficient facilities, equipment, or vehicles.

The operating budget also includes debt service appropriations for the payment of long-term debt, principal, interest and related costs. The majority of the city's capital improvement costs has been funded through the issuance of tax supported general obligation bonds, and utilities user fee supported revenue bonds, which are generally repaid over the useful life of the improvement being financed.

It must be mentioned that there are certain funds that are legally restricted to certain types of projects; for example, Major and Local Street Funds. Revenues for these funds are derived, for the most part, from the State of Michigan Gas & Weight Tax and are required to be spent on major and local roadways. Likewise, Water and Sewer Operations and Maintenance Funds derive revenues from user fees. These projects must relate to the improvement of the water and wastewater systems. *[Any of these funds and other governmental funds projects may be purchased by using cash or through a bond issuance.]*

Projects are considered for financing through a bond issue if they meet certain criteria. These include projects of a significant dollar amount, which is over \$1 million, and a useful life exceeding the length of the bond issue. Another consideration for a capital project is to spread the annual cash requirements of a debt issue over time so future users share in the cost of the project.

***CAPITAL IMPROVEMENT PLAN
DISCUSSION OF MAJOR CAPITAL PROJECTS
FY 2018/19 – FY 2023/24***

Total capital project requests for FY 2019 – 2024 are \$102,177,736, of which \$26,353,586 is designated for FY 2019 Budget. However, due to fiscal constraints, only approximately \$18,638,919 has been incorporated in the FY 2019 Budget. Most of the capital projects are based in the Streets, Water, and Sewer departments for infrastructure projects. When new capital projects are approved, attention should be given to the impact on current and future operating budgets. Some capital projects will create future operational needs for maintenance and repair, and this will need to be taken into consideration during the budgeting process.

The city budgets expenditures for all capital projects in the individual funds. Below is a discussion of the major capital projects budgeted in FY 2019. For the purpose of this discussion section, a major capital project is defined as any project that has an impact of \$1,000,000 or more in the FY 2019 operating budget. A six year summary report is provided after this section for all projects included in the Capital Improvement Plan.

Due to the large number of projects being undertaken by the Water Maintenance and Operations Fund, the City is planning on completing a bond issuance to cover the costs. Many of these projects have been listed as areas of concern for several years, but due to funding issues have been unable to be completed. The City is aware of how important maintaining responsible debt levels is, and these projects were all chosen as they are believed to provide the best increases in quality to the residents.

Davis Road Improvements

This project has been budgeted in FY 2019 at \$1,150,000. This amount is what remains from a Water Supply System Bond that was issued for this project in FY 2017. Saginaw County Road Commission is planning to replace ~ 2 miles of Davis road between Pierce and Tittabawassee roads. This project includes a new 48" PCCP Raw Transmission Main, 24" and 36" Ductile and PCCP Finished Transmission Main, abandonment of portions of converted 36" Finished Transmission Main and 48" Raw Transmission Main, improvements to Kochville Station and site per preliminary studies.

This project will improve water quality, reliability and redundancy of the Water System. The proposed road project would place the raw and finished water supply at risk if not completed prior to the planned construction. The impact on the operating budget is expected to be an increase in service levels and a decrease in maintenance costs in the near future.

Lead and Galvanized Service Line Replacement

In anticipation of new regulations that are expected to be implemented by the State of Michigan, the City of Saginaw is beginning the process of replacing all service lines that contain lead. These replacements are intended to minimize the community's risk to lead exposure from drinking water. This will be a long term project, with roughly 5% of service lines replaced each year. For FY 2019, the

City has received a grant for \$1,000,000 from the Michigan Department of Environmental Quality for upgrades to the system. In future years, funding will be found from other sources.

Redundant Transmission Line, Junction Road

This project is to install a redundant transmission line to serve the Frankenmuth area. There have been reliability issues with the original line including breaks and this installation will improve service and quality to the residents in the area. The total cost for this project is estimated at \$2,200,000.

Water Quality Upgrades to Water Treatment Plant and Storage

This project will improve the quality of finished water that is held in storage. Improvements will be made to coagulation chemicals, corrosion control chemicals, and limiting pockets of aged water within the storage tanks. These improvements will allow the City to more easily comply with more stringent regulatory requirements. The total cost for this project is anticipated to be \$2,500,000.

Lake Linton Raw Water Improvements

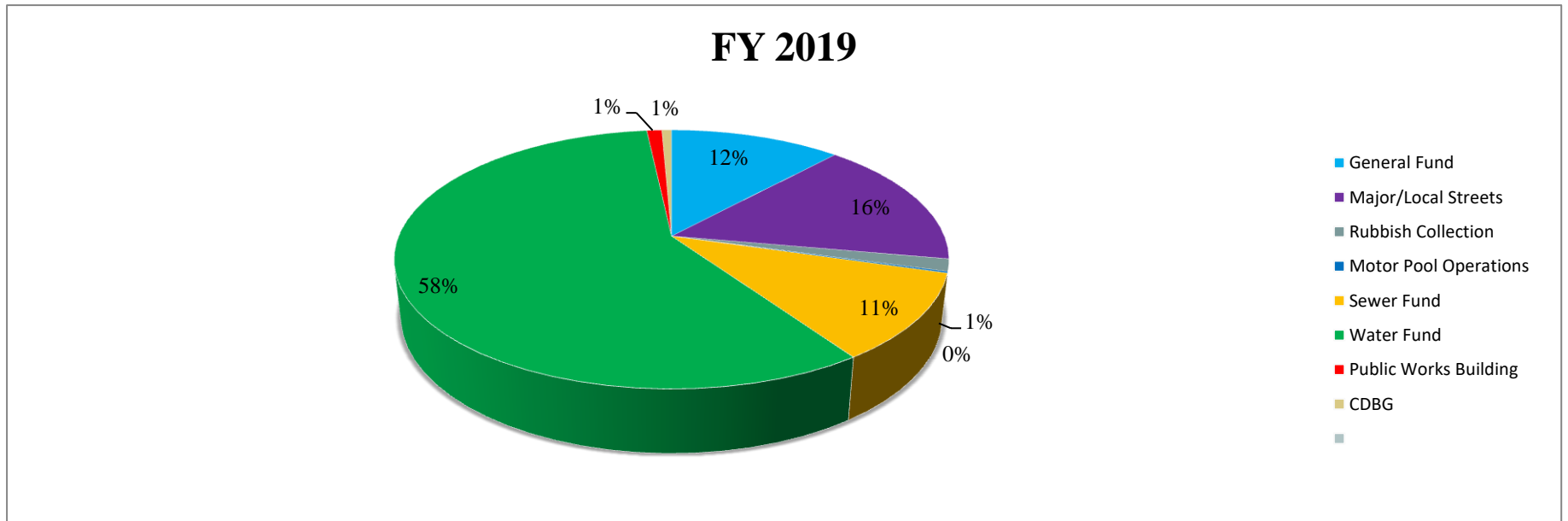
Plans to complete a hydraulic dredging of Lake Linton, where raw water is stored outside of the water treatment facility, are underway. Dredging the lake will improve storage capacity as well as remove a large amount of organic material that has negatively impacted the quality of the raw water being stored there. In addition, analysis of spoils and disposal costs are included in the plans. The total cost is estimated to be \$1,200,000.

CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN
SUMMARY OF REVENUES AND EXPENDITURES
FY 2019 - FY 2024

Projected Revenues	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
General Fund	3,093,369	828,959	480,651	420,651	412,439	403,005	5,639,074
Major/Local Street	3,153,625	2,154,500	2,264,000	2,225,000	2,186,000	1,490,000	13,473,125
Rubbish Collections	396,319	236,500	252,000	70,000	169,000	0	1,123,819
Technical Services	199,000	40,000	0	159,000	0	0	398,000
Boat Launch	50,000	0	0	0	0	0	50,000
Motor Pool	52,000	50,000	24,000	10,000	14,000	18,000	168,000
CDBG	175,000	0	0	0	0	0	175,000
Sewer Fund (user fees/bond)	2,835,550	3,150,250	3,331,250	2,864,600	2,557,250	2,851,500	17,590,400
Water Fund (user fees/bond)	15,112,075	7,462,000	8,754,500	6,247,600	14,397,500	4,602,500	56,576,175
Public Works Building	272,000	0	0	0	0	0	272,000
Federal Grants	1,014,648	1,766,304	953,800	972,876	992,334	1,012,181	6,712,143
TOTAL RESOURCES	26,353,586	15,688,513	16,060,201	12,969,727	20,728,523	10,377,186	102,177,736
Estimated Expenditures	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
General Fund	3,093,369	828,959	480,651	420,651	412,439	403,005	5,639,074
Major/Local Streets	4,168,273	3,920,804	3,217,800	3,197,876	3,178,334	2,502,181	20,185,268
Rubbish Collection	396,319	236,500	252,000	70,000	169,000	0	1,123,819
CDBG	175,000	0	0	0	0	0	175,000
Technical Services	199,000	40,000	0	159,000	0	0	398,000
Boat Launch	50,000	0	0	0	0	0	50,000
Motor Pool	52,000	50,000	24,000	10,000	14,000	18,000	168,000
Sewer Fund	2,835,550	3,150,250	3,331,250	2,864,600	2,557,250	2,851,500	17,590,400
Water Fund	15,112,075	7,462,000	8,754,500	6,247,600	14,397,500	4,602,500	56,576,175
Public Works Building	272,000	0	0	0	0	0	272,000
TOTAL APPROPRIATIONS	26,353,586	15,688,513	16,060,201	12,969,727	20,728,523	10,377,186	102,177,736

**CITY OF SAGINAW
CIP PROJECTS FOR FY 2019-2024**

PROJECTS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
General Fund	3,093,369	828,959	480,651	420,651	412,439	403,005	5,639,074
Major/Local Streets	4,168,273	3,920,804	3,217,800	3,197,876	3,178,334	2,502,181	20,185,268
Rubbish Collection	396,319	236,500	252,000	70,000	169,000	0	1,123,819
CDBG	175,000	0	0	0	0	0	175,000
Technical Services	199,000	40,000	0	159,000	0	0	398,000
Boat Launch	50,000	0	0	0	0	0	50,000
Motor Pool	52,000	50,000	24,000	10,000	14,000	18,000	168,000
Sewer Fund	2,835,550	3,150,250	3,331,250	2,864,600	2,557,250	2,851,500	17,590,400
Water Fund	15,112,075	7,462,000	8,754,500	6,247,600	14,397,500	4,602,500	56,576,175
Public Works Building	272,000	0	0	0	0	0	272,000
TOTAL APPROPRIATIONS	26,353,586	15,688,513	16,060,201	12,969,727	20,728,523	10,377,186	102,177,736



CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN
SUMMARY OF EXPENDITURES BY TYPE AND PROJECT
FY 2019 - FY 2024

Expenditure Types	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Architecture/Engineering	5,340,890	5,200,000	5,760,000	5,310,000	5,150,000	5,150,000	31,910,890
Construction/Acquisition	13,895,680	5,455,612	7,311,800	4,947,876	13,317,334	3,722,181	48,650,483
Equipment	1,598,946	425,000	349,000	699,000	804,000	268,000	4,143,946
Vehicles	2,554,070	1,530,901	1,722,401	1,180,851	1,100,189	980,005	9,068,417
Other	2,964,000	3,077,000	917,000	832,000	357,000	257,000	8,404,000
	26,353,586	15,688,513	16,060,201	12,969,727	20,728,523	10,377,186	102,177,736

Project Type	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Routine Replacement	7,423,828	7,610,308	5,866,000	5,932,000	6,091,000	6,025,000	38,948,136
Rehabilitation or Enhancement	9,115,688	5,612,304	7,971,800	4,757,876	10,117,334	3,372,181	40,947,183
Efficiency Project	1,661,000	530,000	500,000	700,000	3,050,000	0	6,441,000
New/Expansion	5,599,000	405,000	0	399,000	370,000	0	6,773,000
Vehicles	2,554,070	1,530,901	1,722,401	1,180,851	1,100,189	980,005	9,068,417
	26,353,586	15,688,513	16,060,201	12,969,727	20,728,523	10,377,186	102,177,736

CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN
(please note that only those items that were budgeted or has request for multiple years are reflected in the report)

Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24
							FY 22	FY 23		
COMMUNITY PUBLIC SAFETY - POLICE										
3514	Police - Parking Lot Repair	GF	50,000	0	0	0	0	0	0	0
If deferred:		Priority	2							
									TOTAL PROJECT COST	<u><u>50,000</u></u>
3514	Police - Indoor Range Repair	GF	0	0	30,000	0	0	0	0	0
If deferred:		Priority	3							
									TOTAL PROJECT COST	<u><u>30,000</u></u>
3514	Police- Overall Flooring Replacement Project	GF	10,000	0	10,000	10,000	0	0	0	0
If deferred:		Priority	3							
									TOTAL PROJECT COST	<u><u>30,000</u></u>
3514	Patrol and Investigation Fleet Replacement	GF	250,000	180,655	250,000	125,000	125,000	125,000	125,000	125,000
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>1,180,655</u></u>
									TOTAL COMMUNITY PUBLIC SAFETY - POLICE	<u><u>1,290,655</u></u>
COMMUNITY PUBLIC SAFETY - FIRE										
3551	Replacement Ladder Truck	GF	150,000	0	150,000	150,000	150,000	150,000	150,000	150,000
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>900,000</u></u>
3551	Self-Contained Breathing Apparatus (SCBA) Inventory Replacement	GF	330,000	0	0	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>330,000</u></u>
3551	Breathing Air Cascade System Replacement Station #1	GF	0	0	60,000	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>60,000</u></u>

CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN
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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years FY 22	FY 23	FY 24
3554	Replace Chief's Vehicle	GF	50,000	0	0	0	0	0	0
If deferred:		Priority	2						
								TOTAL PROJECT COST	<u>50,000</u>
3554	Replace Training Officer's Vehicle	GF	0	0	0	50,000	0	0	0
If deferred:		Priority	2						
								TOTAL PROJECT COST	<u>50,000</u>
3554	Replace Fire Marshal's Vehicle	GF	0	0	50,000	0	0	0	0
If deferred:		Priority	2						
								TOTAL PROJECT COST	<u>50,000</u>
3551	Station #1 Roof Replacement	GF	50,000	0	0		0	0	0
If deferred:		Priority	1						
								TOTAL PROJECT COST	<u>50,000</u>
3551	Resurface Station #1 Parking Lot	GF	19,882	0	18,308	0	0	0	0
If deferred:		Priority	2						
								TOTAL PROJECT COST	<u>38,190</u>
3551	Replacement Fire Engine	GF	50,000	0	50,000	50,000	50,000	50,000	50,000
If deferred:		Priority	2						
								TOTAL PROJECT COST	<u>300,000</u>
3551	Fire Training Facility Improvements	GF	15,000	0	15,000	0	0	0	0
If deferred:	Deferred due to fiscal constraints.	Priority	1						
								TOTAL PROJECT COST	<u>30,000</u>
									TOTAL COMMUNITY PUBLIC SAFETY - FIRE
									<u>1,858,190</u>

**CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN**

(please note that only those items that were budgeted or has request for multiple years are reflected in the report)

Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years FY 22	FY 23	FY 24
CEMETERIES									
1747	Replacement Backhoe	GF	16,335	0	16,333	16,333	16,333	16,333	16,333
If deferred:	Denied due to fiscal constraints	Priority	4						
TOTAL PROJECT COST									<u>98,000</u>
1747	Giant Leaf Vacuum	Capital Bonds	30,000	0	0		0	0	0
If deferred:	Denied due to fiscal constraints	Priority	6						
TOTAL PROJECT COST									<u>30,000</u>
1747	Dump Truck Replacement	Capital Bonds	21,666	0	21,666	21,666	21,666	21,666	21,670
If deferred:	Denied due to fiscal constraints	Priority	5						
TOTAL PROJECT COST									<u>130,000</u>
1747	Forest Lawn Chapel Exterior RepairsSoil Storage Barn Eletrical power and Surveillance	GF	30,000	0	0	0	0	0	0
If deferred:	Deferred Due to Fiscal Constraints	CM Priority	7						
		PC Priority	7						
TOTAL PROJECT COST									<u>30,000</u>
1747	Leaf Collection Box for Hook and Loader Truck	GF	17,000	0	0	0	0	0	0
If deferred:	Deferred Due to Fiscal Constraints	CM Priority	1						
		PC Priority	1						
TOTAL PROJECT COST									<u>17,000</u>
1747	Forest Lawn Chapel Repairs	GF	12,000	0	0	0	0	0	0
If deferred:	Deferred Due to Fiscal Constraints	Priority	3						
TOTAL PROJECT COST									<u>12,000</u>
1747	Zero-Turn Replacement Mowers (3)	Capital Projects	95,946	0	0	0	0	0	0
If deferred:	Deferred Due to Fiscal Constraints	Priority	2						
TOTAL PROJECT COST									<u>95,946</u>
1747	Oakwood Roof Replacement	Capital Projects	11,000	11,000	0	0	0	0	0
If deferred:	Deferred Due to Fiscal Constraints	Priority	1						
TOTAL PROJECT COST									<u>22,000</u>

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24
							FY 22	FY 23		
								TOTAL CEMETERIES	<u><u>434,946</u></u>	
Boat Launch										
7546	Mill and Repave Parking Lot	GF	35,000	0	0	0	0	0	0	0
If deferred:	Deferred Due to Fiscal Constraints	Priority	1							
								TOTAL PROJECT COST	<u><u>35,000</u></u>	
7546	Purchase Security Cameras	GF	15,000	0	0	0	0	0	0	0
If deferred:		Priority	2							
								TOTAL PROJECT COST	<u><u>15,000</u></u>	
								TOTAL BOAT LAUNCH	<u><u>50,000</u></u>	
FACILITIES										
4439	Exterior Masonry Tuckpointing of Public Works Building	DPW	150,000	20,000	0	0	0	0	0	0
If deferred:	Deferred due to fiscal constraints.	Priority	2							
								TOTAL PROJECT COST	<u><u>170,000</u></u>	
7571	Replace Bobcat Compact Loader with Attachments	GF	83,000	0	0	0	0	0	0	0
If deferred:	Deferred due to fiscal constraints.	Priority	1							
								TOTAL PROJECT COST	<u><u>83,000</u></u>	
7575	City Hall Exterior Tuckpointing	GF	325,000	0	0	0	0	0	0	0
If deferred:	Deferred due to fiscal constraints.	Priority	1							
								TOTAL PROJECT COST	<u><u>325,000</u></u>	
7575	City Hall Total Replacement of Exterior Windows	GF	190,000	0	0	0	0	0	0	0
If deferred:	Deferred due fiscal constraints	Priority	2							
								TOTAL PROJECT COST	<u><u>190,000</u></u>	
7575	City Hall Old Garage Exterior Masonary Repairs	GF	200,000	0	0	0	0	0	0	0
If deferred:	Deferred due fiscal constraints	Priority	3							
								TOTAL PROJECT COST	<u><u>200,000</u></u>	
7575	City Hall Old Garage Roof Replacement	GF	30,000	0	0	0	0	0	0	0
If deferred:	Deferred due to fiscal constraints.	Priority	4							
								TOTAL PROJECT COST	<u><u>30,000</u></u>	

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24
							FY 22	FY 23		
7575	City Hall Replacement of Steam Boiler	GF	65,000	0	0	0	0	0	0	0
If deferred:	Deferred due fiscal constraints	Priority	5							
									TOTAL PROJECT COST	<u><u>65,000</u></u>
7575	City Hall Entrance Replacement	GF	20,000	0	0	0	0	0	0	0
If deferred:	Deferred due fiscal constraints	Priority	6							
									TOTAL PROJECT COST	<u><u>20,000</u></u>
7575	Police Building Elevator Replacement	GF	78,000	0	0	0	0	0	0	0
If deferred:	Deferred due to fiscal constraints.	Priority	7							
									TOTAL PROJECT COST	<u><u>78,000</u></u>
7575	City Hall Landscaping	GF	10,000	0	0	0	0	0	0	0
If deferred:	Deferred due fiscal constraints	Priority	8							
									TOTAL PROJECT COST	<u><u>10,000</u></u>
7575	Various Security Camera Replacement	GF	60,000	60,000	0	0	0	0	0	0
If deferred:	Deferred due fiscal constraints	Priority	9							
									TOTAL PROJECT COST	<u><u>120,000</u></u>
7575	Ojibway Island Improvements	GF	22,890	0	0	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>22,890</u></u>
7575/4439	DPW North Parking Lot Repair	GF/DPW	100,000	0	0			0	0	0
If deferred:		CM Priority	4							
									TOTAL PROJECT COST	<u><u>100,000</u></u>

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24
							FY 22	FY 23		
4439	Holland and Washington Auto Gates Upgrades	DPW	10,000	0	0	0	0	0	0	0
If deferred:		Priority	5							
									TOTAL PROJECT COST	<u><u>10,000</u></u>
4439	DPW Replace the Surveillance Video Cameras	DPW	50,000	0	0		0	0	0	0
If deferred:		Priority	8							
									TOTAL PROJECT COST	<u><u>50,000</u></u>
4439	DPW Door Replacement in Garage Continuation	DPW	12,000	0	0	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>12,000</u></u>
4439	DPW Lower Level Carpet Replacement	DPW	50,000	0	0	0	0	0	0	0
If deferred:		Priority	6							
									TOTAL PROJECT COST	<u><u>50,000</u></u>
230	Exterior Light Pole and Fixture Replacement	GF/Streets	75,000	0	0	0	0	0	0	0
If deferred:	Deferred due to fiscal constraints.	CM Priority	3							
									TOTAL PROJECT COST	<u><u>75,000</u></u>
4439	DPW Lower Level Restroom Conversion	DPW	40,000	0	0	0	0	0	0	0
If deferred:		Priority	7							
									TOTAL PROJECT COST	<u><u>40,000</u></u>
7580	Celebration Park underground Water Line Repairs	GF	200,000	0	0	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>200,000</u></u>
									TOTAL BUILDING AND GROUND MAINTENANCE	<u><u>1,850,890</u></u>
Technical Services										
1711	HD Camera and Video Switcher Upgrade	TS - SGTV	0	0	45,000	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>45,000</u></u>

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24
							FY 22	FY 23		
1720	IP Phone System Upgrade	TS - IS	40,000	0	40,000	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	80,000
1720	Hardware and Software Disaster Recovery Purchase	TS - IS	159,000	0	0	0	159,000	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	318,000
									TOTAL TECHNICAL SERVICES	443,000
<u>Inspections</u>										
4583	New Environmental Pick-up Truck	Rubbish	8,212	0	8,212	8,212	8,212	0	0	0
If deferred:	Schedule for FY2022	Priority	1							
									TOTAL PROJECT COST	32,848
1730	New Parking Vehicles	GF	9,440	0	9,440	9,440	9,440	9,440	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	47,200
									TOTAL INSPECTIONS	80,048
<u>STREETS (MAJOR AND LOCAL)</u>										
4651/4820	Replace Air Compressor	MS/WT/WWT	40,500	22,000	0	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	40,500
4655/4585	Single Axle Hook Loader Truck with Salter and Chipper Box	MS/RC	220,000	0	0	0	0	0	0	0
If deferred:	Part of Capital Installment Contract	Priority	1							
									TOTAL PROJECT COST	220,000
4655/4585	Single Axle Hook Loader Truck with Salter and Chipper Box	MS/RC	220,000	0	0	0	0	0	0	0
If deferred:	Part of Capital Installment Contract	Priority	1							
									TOTAL PROJECT COST	220,000

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years FY 22	FY 23	FY 24
4651/4587	Replace GMC 4-WD Pickup Truck	MS/WT/WWT	45,000	0	0	0	0	0	0
If deferred:	Part of Capital Installment Contract	Priority	2						
TOTAL PROJECT COST									<u>45,000</u>
4651/4587	Replace GMC 4-WD Pickup Truck	MS/WT/WWT	0	0	45,000	0	0	0	0
If deferred:	Denied due to Fiscal Constraints	Priority	2						
TOTAL PROJECT COST									<u>45,000</u>
4651/4655	Replace One-Ton Mini Dump Truck	MS	55,000	55,000	0	0	0	0	0
If deferred:	Denied due to Fiscal Constraints	Priority	2						
TOTAL PROJECT COST									<u>110,000</u>
4822	Replace (2) Street Sweepers	WWT	380,000	0	0	190,000	0	0	200,000
If deferred:	Deferred due to fiscal constraints.	Priority	1						
TOTAL PROJECT COST									<u>770,000</u>
4651	Replace High Ranger	MS	180,000	180,000	0	0	0	0	0
If deferred:	Schedule for FY 2021	Priority	1						
TOTAL PROJECT COST									<u>360,000</u>
4655/4585	Replace Single Axle Hook Loader Truck with Salter and Chipper Box	MS/RC	0	0	220,000	0	0	0	0
If deferred:	Scheduled for FY2020	Priority	1						
TOTAL PROJECT COST									<u>220,000</u>
4651	Replace High Ranger	MS	0	0	0	0	180,000	0	0
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>180,000</u>
4651/4655	Replacement Skidsteer	MS/RC	85,000	0	0	0	0	0	0
If deferred:	Scheduled for FY2019	Priority	2						
TOTAL PROJECT COST									<u>85,000</u>
4651	Replace Claw Truck	MS	0	0	0	300,000	0	0	0
If deferred:	Scheduled for FY2019	Priority	1						

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24
							FY 22	FY 23		
							TOTAL PROJECT COST			300,000
4651	Dozer and Trailer for Street Repair	MS	0	0	0	0	240,000	0	0	
If deferred:	Scheduled for FY2020	Priority	2							
							TOTAL PROJECT COST			240,000
4655/4585	Replace Single Axle Hook Loader Truck with Salter and Chipper Box	MS/RC	0	0	0	220,000	0	0	0	
If deferred:	Scheduled for FY2021	Priority	1							
							TOTAL PROJECT COST			220,000
4655/4585	Replace Compost Site Loader	MS/RC	0	0	0	250,000	0	0	0	
If deferred:	Scheduled for FY2021	Priority	1							
							TOTAL PROJECT COST			250,000
4651	Purchase Dozer and Trailer for Street Repair	MS	0	0	0	240,000	0	0	0	
If deferred:	Scheduled for FY 2020	Priority	1							
							TOTAL PROJECT COST			240,000
4651	Backhoe for Street Repairs	MS/RC	0	0	0	0	0	180,000	0	
If deferred:	Scheduled for FY 2023	Priority	1							
							TOTAL PROJECT COST			180,000
4651	Purchase Additional Stump Grinder	MS	0	0	0	0	0	70,000	0	
If deferred:	Scheduled for FY 2021	Priority	2							
							TOTAL PROJECT COST			70,000

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years FY 22	FY 23	FY 24
4651	Purchase Curb Machine	MS	0	0	0	0	0	120,000	0
If deferred:	Scheduled for FY 2022	Priority	1						
							TOTAL PROJECT COST		120,000
4655/4585	Replace Single Axle Hook Loader Truck with Salter and Chipper Box	MS/RC	0	0	0	0	0	220,000	0
If deferred:	Scheduled for FY 2023	Priority	1						
							TOTAL PROJECT COST		220,000
4655	Replace Small Loader	MS/RC	0	0	0	0	0	150,000	0
If deferred:	Scheduled for FY 2023	Priority	1						
							TOTAL PROJECT COST		150,000
								TOTAL STREETS	4,285,500
RUBBISH COLLECTION									
4586	Replace of Recycling Packer Truck Rear Wheels and Tires	RC	10,419	0	0	0	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		10,419
4582/4583	Replace Rear Packer Truck	RC	180,000	0	0	0	0	0	0
If deferred:	Scheduled for FY2019	Priority	1						
							TOTAL PROJECT COST		180,000
4587	Replace Compost Screener with Hopper Feeder	RC	0	0	120,000	0	0	0	0
If deferred:	Scheduled for FY2020	Priority	1						
							TOTAL PROJECT COST		120,000
4585	Replace Brush Chipper	RC	60,000	0	0	0	0	0	0
If deferred:	Scheduled for FY2023	Priority	2						
							TOTAL PROJECT COST		60,000
4585	Replace Brush Chipper	RC	0	0	0	0	70,000	0	0
If deferred:	Scheduled for FY2023	Priority	1						
							TOTAL PROJECT COST		70,000
							TOTAL RUBBISH COLLECTION		440,419

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Dept.	Project	Funding	Request	Manager	FY 20	Future Years				
			FY 19	Approved FY 19		FY 21	FY 22	FY 23	FY 24	
MOTOR POOL OPERATIONS										
4481	Vehicle Scan Tool Replacement	MPO	5,000	0	0	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>5,000</u></u>
4481	Tire Changing and Repair Equipment	MPO	19,000	0	0	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>19,000</u></u>
4481	Service Truck Tools	MPO	10,000	0	0	0	0	0	0	0
If deferred:		Priority	2							
									TOTAL PROJECT COST	<u><u>10,000</u></u>
4481	Additional Overhead Fluid Dispensing Hose Reels	MPO	8,000	0	0	0	0	0	0	0
If deferred:		Priority	3							
									TOTAL PROJECT COST	<u><u>8,000</u></u>
4481	Additional Shop Lighting	MPO	10,000	0	0	0	0	0	0	0
If deferred:		Priority	3							
									TOTAL PROJECT COST	<u><u>10,000</u></u>
4481	Portable 4 Post Lift	MPO	0	0	50,000	0	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>50,000</u></u>
4481	Replacement of Existing Hoist	MPO	0	0	0	18,000	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>18,000</u></u>
4481	Air Conditioning Service Unit Replacement	MPO	0	0	0	6,000	0	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>6,000</u></u>
4481	Shop Lathe	MPO	0	0	0	0	10,000	0	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>10,000</u></u>
4481	Verticle Milling Machine	MPO	0	0	0	0	0	14,000	0	0
If deferred:		Priority	1							
									TOTAL PROJECT COST	<u><u>14,000</u></u>

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24	
							FY 22	FY 23			
4481	Replacement of Existing Hoist	MPO	0	0	0	0	0	0	0	18,000	
If deferred:		Priority	1								
									TOTAL PROJECT COST	18,000	
										TOTAL MOTOR POOL	168,000
SEWER & WATER OPERATIONS AND MAINTENANCE											
4840	Replace Chlorine and Sulfur Dioxide Feed Systems	WWT	0	0	0	75,000	75,000	0	0	0	
If deferred:		Priority	1								
									TOTAL PROJECT COST	150,000	
4840	Reline Hypochlorite Tanks at RTB's	WWT	0	0	22,000	22,000	22,000	22,000	22,000	22,000	
If deferred:		Priority	1								
									TOTAL PROJECT COST	110,000	
4840	Grind and Repave Asphalt at Wastewater Treatment Plant	WWT	50,000	50,000	50,000	0	0	0	0	0	
If deferred:		Priority	2								
									TOTAL PROJECT COST	100,000	
4840	Repair/Replace Roofs at Wastewater Plant and Remote Facilities	WWT	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
If deferred:		Priority	1								
									TOTAL PROJECT COST	300,000	
4840	Replace Retention Basin Flow Meters	WWT	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	
If deferred:		Priority	1								
									TOTAL PROJECT COST	450,000	
4840	Clean Test and Calibrate WWTP and Remote Facilities Electrical Substations	WWT	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	
If deferred:		Priority	1								
									TOTAL PROJECT COST	300,000	
4840	Replace Raw Sewage Pump Check Valves	WWT	0	0	0	25,000	25,000	25,000	25,000	25,000	
If deferred:		Priority	1								
									TOTAL PROJECT COST	100,000	

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years FY 22	FY 23	FY 24
4840	Install Generators at Retention Treatment Basins	WWT	0	0	50,000	450,000	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>500,000</u>
4840	Replace Boerger Pumps with Penn Valley	WWT	75,000	75,000	0	0	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>75,000</u>
4840	Replace Rooftop Heaters at Remote Treatment Basins	WWT	25,000	25,000	25,000	25,000	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>75,000</u>
4740	Water Treatment Main Processor Panel I/O Upgrade	WF	100,000	100,000	0	0	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4740	Replace Raw Sewage Dezurich Valves	4840	0	0	0	30,000	30,000	30,000	30,000
If deferred:	Deferred due to fiscal constraints	Priority	1						
							TOTAL PROJECT COST		<u>120,000</u>
4840	Replace Primary Clarifier Center Column and Sweep Arm	WWT	0	0	0	0	100,000	100,000	100,000
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>300,000</u>
4715	Repair Concrete Structures at the WWTP and Remote Facilities	WF	0	0	100,000	100,000	200,000	200,000	200,000
If deferred:	Schedule for FY2019	Priority	1						
							TOTAL PROJECT COST		<u>800,000</u>
4815	Wastewater Treatment Main Panel I/O Replacement	WWT	0	0	0	100,000	0	0	0
If deferred:	Scheduled for FY2020	Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4815	SCADA Computer Replacement	WF/WWT	0	0	0	0	70,000	0	0
If deferred:	Scheduled for FY2022	Priority	1						
							TOTAL PROJECT COST		<u>70,000</u>

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	Future Years				
					FY 20	FY 21	FY 22	FY 23	FY 24
4740	Lake Linton Raw Water Improvements	WF	1,200,000	1,200,000	0	0	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>1,200,000</u>
4740	Bay Rd. Water Main Replacement	WF	525,000	525,000	0	0	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>525,000</u>
4741	Transmission Main and Kochville Reservoir Improvements	WF	2,722,000	2,722,000	0	0	0	0	0
If deferred:		CM Priority	1						
		PC Priority	1				TOTAL PROJECT COST		<u>2,722,000</u>
4740	Vehicles and Equipment Maintenance & Service	WF	352,500	352,500	318,250	342,250	292,600	335,250	304,500
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>1,945,350</u>
4740	Vehicles and Equipment Maintenance & Service	WWT	150,000	150,000	187,000	204,500	292,600	137,500	77,500
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>1,049,100</u>
4741	Lead Service Line Replacements Main to Meter	WF	3,025,000	3,025,000	3,025,000	3,025,000	3,025,000	3,025,000	3,025,000
If deferred:		CM Priority	1						
		PC Priority	1				TOTAL PROJECT COST		<u>18,150,000</u>
4741	Water Quality Upgrades to WT and Storage	WF	500,000	500,000	1,500,000	0	0	0	0
If deferred:		CM Priority	1						
		PC Priority	1				TOTAL PROJECT COST		<u>2,000,000</u>
4740	Structural Reline Miller Lockbar and Riveted Steel	WF	2,300,000	2,300,000	0	0	0	0	0
If deferred:	Scheduled for FY2019	CM Priority	1						
							TOTAL PROJECT COST		<u>2,300,000</u>

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years		FY 23	FY 24
							FY 22			
4740/4840	Maintenance and Services Security and Building Additions	WF/WWT	350,000	350,000	350,000	0	0	0	0	0
If deferred:		Priority	1							
							TOTAL PROJECT COST		700,000	
4721/4821	Clean Line and Replace Sewer Main	WF/WWT	1,000,000	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
If deferred:		CM Priority	1							
		PC Priority	1							
							TOTAL PROJECT COST		11,000,000	
4741	Dixie Highway Parallel Main Improvements	WF	0	0	200,000	3,400,000	0	0	0	0
If deferred:	Scheduled for FY2020	CM Priority	1							
							TOTAL PROJECT COST		3,600,000	
4741	20" Redundant Transmission Feed Junction Road	WF	2,200,000	2,200,000	0	0	0	0	0	0
If deferred:		CM Priority	1							
							TOTAL PROJECT COST		2,200,000	
4741	East West Transmission Loop Improvements	WF	0	0	0	0	400,000	6,600,000	0	0
If deferred:		CM Priority	2							
							TOTAL PROJECT COST		7,000,000	
4740	Replace Rotork Valve Actuators at WWTP and Remote Facilities	WF	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
If deferred:	Scheduled for FY2019	Priority	1							
							TOTAL PROJECT COST		180,000	
4740	Interim Variable Flow Projects	WF	400,000	400,000	0	0	0	0	0	0
If deferred:		Priority	1							
							TOTAL PROJECT COST		400,000	
4740	Variable Flow Project New Pump Station with Electrical Upgrades	WF	0	0	0	0	200,000	3,050,000	0	0
If deferred:		Priority	1							
							TOTAL PROJECT COST		3,250,000	
4741	Clearwall Upgrades at WTP Existing 20 MG Onsite Storage	WF	500,000	0	500,000	500,000	500,000	0	0	0
If deferred:		Priority	1							
							TOTAL PROJECT COST		2,000,000	
4741	Replace Valves at Remote Facilities	WWT	30,000	0	30,000	30,000	30,000	30,000	30,000	30,000
If deferred:		Priority	1							

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TOTAL PROJECT COST									<u>180,000</u>
4741	Replace Vehicles at Plant and Remote Facilities	WWT	35,000	0	35,000	35,000	35,000	35,000	35,000
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>210,000</u>
4741	Install Automatic Barscreen at Salt/Fraser	WWT	0	0	140,000	0	0	0	0
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>140,000</u>
4741	Dredge and Reline 14th Street Ditch	WWT	0	0	0	160,000	160,000	0	0
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>320,000</u>
4741	Reline Ferrous Sulfate Tank	WWT	0	0	0	75,000	0	0	0
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>75,000</u>
4741	Pump Rehab and Replacement	WWT	50,000	50,000	50,000	50,000	50,000	50,000	50,000
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>300,000</u>
4741	Replace Raw Sewage Pump Motors	WWT	0	0	0	0	200,000	200,000	400,000
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>800,000</u>
4815	Basin SCADA Hardware Upgrade	WF	75,000	75,000	0	0	0	0	0
If deferred:		Priority	1						
TOTAL PROJECT COST									<u>75,000</u>
4715	Water High Service Panel Upgrade	WF	0	0	100,000	0	0	0	0

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If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4815	Basin SCADA Hardware Upgrade	WF	0	0	75,000	0	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>75,000</u>
4815	WWT SCADA Processor Panel Upgrade	WF	0	0	0	0	100,000	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4715	Water Treatment Aqua Booster Station Panel Upgrade	WF	0	0	0	0	0	100,000	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4815	Wastewater Treatment Aqua Booster Station Panel Upgrade	WWF	0	0	0	0	0	100,000	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4715/4815	SCADA Network Hardware Upgrade	WWT/WF	0	0	0	0	0	120,000	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>120,000</u>
4815	WWT SCADA Processor Panel Upgrade	WWT	0	0	0	0	0	0	100,000
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4715	Water SCADA Processor Panel Upgrade	WF	0	0	0	0	0	0	100,000
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>100,000</u>
4840	Electrical Upgrades	WWT	665,000	665,000	400,000	0	0	0	0
If deferred:		Priority	1						
							TOTAL PROJECT COST		<u>1,065,000</u>

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			FY 19	Approved FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	
					TOTAL WATER/SEWER OPERATIONS AND MAINTENANCE:					<u>67,831,450</u>
TRAFFIC ENGINEERING AND ENGINEERING SERVICES										
4621	Replace One-Ton Rack Truck (Traffic)	TENG/WT/WWT	0	0	60,000	0	0	0	0	0
If deferred:		Priority	2							TOTAL PROJECT COST
										<u>60,000</u>
4620	Replace Aerial Truck	TENG	130,000	0	0	0	0	0	0	0
If deferred:	Part of capital installment plan	Priority	2							TOTAL PROJECT COST
										<u>130,000</u>
4620	Replace Aerial Truck	TENG	0	0	110,000	0	0	0	0	0
If deferred:		Priority	2							TOTAL PROJECT COST
										<u>110,000</u>
					TOTAL TRAFFIC AND ENGINEERING:					<u>300,000</u>

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years FY 22	FY 23	FY 24
Engineering, Construction and Infrastructure Capital Projects									
4614	Madison Street Resurfacing from Fayette to Niagra	MS	140,000	0	250,000	0	250,000	0	250,000
If deferred:		CM Priority	1						
							TOTAL PROJECT COST	<u>890,000</u>	
4614	North Hamilton Enhancement from Court to Madison	MS	5,000	0	0	0	0	0	0
If deferred:		CM Priority	1						
		PC Priority	1						
							TOTAL PROJECT COST	<u>5,000</u>	
4616	Ojibway Island Trail, Bridge, and Restroom Improvements	MS	350,000	350,000	0	0	0	0	0
If deferred:		CM Priority	1						
							TOTAL PROJECT COST	<u>350,000</u>	
4616	Holland Avenue Bridge Deep Overlay	MS	123,000	10,000	0	0	0	0	0
If deferred:		CM Priority	1						
							TOTAL PROJECT COST	<u>123,000</u>	
4614	Wickes Park Drive Conversion to Non-Motorized Trail	MS	365,000	0	125,000	0	0	0	0
If deferred:	N/A	CM Priority	1						
		PC Priority	1						
							TOTAL PROJECT COST	<u>490,000</u>	
4614	Lapeer Avenue Reconstruction and Water Main Replacement from 6th to 9th	MS/WWT/WT	220,000	220,000	406,000	50,000	0	0	0
If deferred:		CM Priority	2						
							TOTAL PROJECT COST	<u>676,000</u>	
4614	Baum Street Reconstruction from Hoyt to Thompson	MS/WWT/WT	0	0	0	357,000	0	0	0
If deferred:		CM Priority	1						
		PC Priority	1						
							TOTAL PROJECT COST	<u>357,000</u>	
4614	Mackinaw Reconstruction and Watermain Improvements Alexander to Hamilton	MS/WWT/WT	0	0	0	175,000	1,897,876	925,000	0
If deferred:		CM Priority	1						
		PC Priority	1						
							TOTAL PROJECT COST	<u>2,997,876</u>	

CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN
(please note that only those items that were budgeted or has request for multiple years are reflected in the report)

Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	FY 20	FY 21	Future Years			FY 24
							FY 22	FY 23		
4614	Install ADA Sidewalk Ramps	MS	75,000	0	75,000	75,000	75,000	75,000	75,000	75,000
If deferred:	Deferred due to Fiscal Constraints	CM Priority	1							
									TOTAL PROJECT COST	<u><u>450,000</u></u>
4614	Sidewalk Repairs Throughout City per Letters Sent	MS	80,000	0	80,000	80,000	80,000	80,000	80,000	80,000
If deferred:		CM Priority	1							
									TOTAL PROJECT COST	<u><u>480,000</u></u>
4614	Mill and Resurfacing Project	MS	515,000	515,000	200,000	200,000	200,000	200,000	200,000	200,000
If deferred:		CM Priority	1							
									TOTAL PROJECT COST	<u><u>1,515,000</u></u>
4614	Annual Cape Seal Project	MS	190,000	190,000	200,000	200,000	200,000	200,000	200,000	200,000
If deferred:		CM Priority	1							
									TOTAL PROJECT COST	<u><u>1,190,000</u></u>
4614	CDBG Resurfacing	MS/WF	75,000	75,000	0	0	0	0	0	0
If deferred:		CM Priority	1							
									TOTAL PROJECT COST	<u><u>75,000</u></u>
4616	Various Bridge Down Spout Replacement and Repairs	MS	20,000	0	0	0	0	0	0	0
If deferred:		CM Priority	1							
									TOTAL PROJECT COST	<u><u>20,000</u></u>

**CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN**

(please note that only those items that were budgeted or has request for multiple years are reflected in the report)

Dept.	Project	Funding	Request	Manager	FY 20	Future Years				
			FY 19	Approved FY 19		FY 21	FY 22	FY 23	FY 24	
4614	Lapeer Avenue Reconstruction and Water Main Replacement from 9th to 11th Street	MS/WWT/WT	425,000	425,000	0	0	0	0	0	0
If deferred:		CM Priority	2							
									TOTAL PROJECT COST	<u><u>425,000</u></u>
4616	Norman Street Bridge	MS	30,000	30,000	1,061,200	0	0	0	0	0
If deferred:		CM Priority	1							
									TOTAL PROJECT COST	<u><u>1,091,200</u></u>
4614	Davenport Avenue Reconstruction from N.Michigan to Niagara	MS/WWT/WT	0	0	0	0	40,000	1,352,334	350,000	
If deferred:	Deferred due to Fiscal Constraints	CM Priority	1							
									TOTAL PROJECT COST	<u><u>1,742,334</u></u>
4614	Mackinaw Street Reconstruction from Congress to State	MS/WWT/WT	1,546,798	0	1,265,000	0	0	0	0	0
If deferred:	N/A	CM Priority	1							
		PC Priority	1							
									TOTAL PROJECT COST	<u><u>2,811,798</u></u>
4614	Hardin Street Reconstruction from Court to Bay	MS/WWT/WT	350,000	350,000	0	250,000	0	250,000	0	0
If deferred:	Deferred due to Fiscal Constraints	CM Priority	2							
									TOTAL PROJECT COST	<u><u>850,000</u></u>
4614	Niagara Street Reonstruction Sewer Repairs and Water Service from Genesee to Davenport	MS/WWT/WT	25,000	0	1,240,104	266,000	0	0	0	0
If deferred:		CM Priority	1							
									TOTAL PROJECT COST	<u><u>1,531,104</u></u>

**CITY OF SAGINAW
CAPITAL IMPROVEMENT PLAN**

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Dept.	Project	Funding	Request FY 19	Manager Approved FY 19	Future Years				
					FY 20	FY 21	FY 22	FY 23	FY 24
4614	S.Michigan Reconstruction and Water Main Replacement form Joslin to Dearborn	MS/WWT/WT	0	0	185,000	2,128,800	1,175,000	0	0
If deferred:	Scheduled for FY2020	CM Priority	1						
								TOTAL PROJECT COST	<u>3,488,800</u>
4614	Mackinaw Street Reconstruction from Alexander to Congress	MS/WWT/WT	0	0	0	0	0	155,000	1,937,181
If deferred:	Schedule for FY2021	CM Priority	1						
								TOTAL PROJECT COST	<u>2,092,181</u>
								TOTAL INFRASTRUCTURE CAPITAL PROJECTS:	<u>23,651,293</u>
								TOTAL 6-YEAR CIP:	<u>102,684,391</u>