

City of East Lansing

Capital Improvements Program

2020-2026

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2020-2026

Mayor Ruth Beier

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Primary Policies

The City shall continue to maintain its buildings, park and recreation facilities, utilities, streets and sidewalks at a level adequate to protect its capital investment and make the repairs on the worst building, utilities, streets and sidewalks a top priority, while implementing asset management principles to extend the service life of the City's capital assets at the lowest cost with balanced investment across the community.

The City shall actively promote the implementation of City Council's Strategic Priorities and the City's Master Plan in order to improve the quality of life and desirability of living in East Lansing.

User's Guide

The purpose of this document is to present the City of East Lansing, Michigan, Capital Improvements Program (CIP) for fiscal years 2020-2026.

The text explains the statutory basis for the CIP, the process City staff followed to plan for and create the program, and the funding sources for program projects. The tables list projects completed during the current fiscal year and those projected out for the next six years and the source used or proposed to fund the projects.

It should also be noted that this document is, by State law, intended to provide a **“general order of priority”** for the projects listed. In addition, the cost estimates that are provided are the best available at the time of this publication. Cost estimates and project descriptions may change slightly from year to year as they are fine tuned and better information becomes available. **The final budget adopted by City Council may vary from the projects and priorities listed in this document due to financial conditions, Council priorities, or other reasons.**

Any questions regarding this document may be directed to members of the City Council or the staff of the Department of Planning, Building and Development at (517) 319-6941.

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TABLE OF CONTENTS

I.	Introduction	1
	A. Purpose	
	B. State Law	
	C. City Code	
II.	Overview	2
	A. Eligible Projects	
III.	Funding Sources	3
	A. General Fund	
	B. Street Funds	
	C. Parking Fund	
	D. Park Fund	
	E. Water Fund	
	F. Sewer Fund	
	G. Special Assessment	
	H. Solid Water Fund	
	I. Natural Resources Trust Fund	
	J. Community Development Block Grant (CDBG) or State Revolving Fund	
	K. Michigan Department of Transportation	
	L. Tax Increment Financing	
	M. Donations and Other	
	N. Bonding	
IV.	Status Report	6
	A. Inventory	
	B. Needs Assessment	
V.	Capital Improvement Policies	10
VI.	Summary	11
	Appendix	
	• Table 1 2020-2026 Capital Improvements Program	
	• Table 2 2020-2026 Bond Indebtedness	

I. INTRODUCTION

A. Purpose

The purpose of the CIP is to guide the development and maintenance of necessary public improvements within a framework of sound planning and responsible fiscal management. The programming process serves as a focus for discussion of public needs and priorities in context with the financial resources of the City. Programming physical improvements helps ensure that projects are developed and implemented in accordance with the community's needs, without creating instability in the City's finances. Programming also helps ensure that various projects will be compatible and complementary with one another and will conform to overall community goals. Through the programming process, the City is also better able to take advantage of Federal or State funding programs that become available.

B. State Law

Under the Michigan Planning Enabling Act (Act 33 of 2008), the City must annually prepare and adopt of a CIP. The City Council has appointed the City Manager to prepare the CIP to assist them in the development of the budget. Pursuant to Section 125.3865 of the Act, the City Manager shall annually prepare a capital improvements program of public structures and improvements:

"

The capital improvements program shall show those public structures and improvements, in the general order of their priority, that in the commission's judgment will be needed or desirable and can be undertaken within the ensuing 6-year period. The capital improvements program shall be based upon the requirements of the local unit of government for all types of public structures and improvements. Consequently, each agency or department of the local unit of government with authority for public structures or improvements shall upon request furnish the planning commission with lists, plans, and estimates of time and cost of those public structures and improvements. "

C. City Code

As part of its annual revision, the City Manager requests other City commissions, boards and staff to submit updated and new project information for the CIP. The projects and scheduling presented in this CIP reflect this input in conjunction with the goals and objectives of the Master Plan.

The CIP is provided by the City Manager as a recommendation for physical improvements to be considered in the annual City Budget process.

The CIP identifies all public structures or improvements which will be needed or are desired over a six-year programming period. The CIP also presents funding priorities and strategies for consideration by Council.

II. OVERVIEW OF CAPITAL IMPROVEMENTS PROGRAMMING

A. Eligible Projects

The Capital Improvements Program does not contain all capital expenditures that are proposed or anticipated to be made by the City. Specifically, CIP projects or activities are limited to the following categories:

- 1. Acquisition:** The acquisition of land, structures or facilities for long-term public use. Costs include appraisal, survey and legal fees; demolition; initial remodeling and repair work; and initial purchases of equipment and furnishings.
- 2. Construction:** The construction, development, expansion, and major maintenance of public buildings, streets, parks, utilities or other public facilities to expand or improve the provision of public services. Costs include architectural, engineering and legal fees; and the equipment and furnishings purchased as part of the construction projects.

Not included in these definitions is the purchase of capital equipment which is not part of an overall acquisition or construction project, such as the replacement of fire trucks. Although operational and maintenance expenses resulting from a project are important considerations, they are not budgeted through the CIP process.

These tasks for programming Capital Improvements are explained in detail below and are repeated annually with a six-year projection.

Task #1: Prepare Inventory and Needs Assessment

The inventory and needs assessment are the most involved task in relation to preparing the CIP. First an inventory of each City building, street, water line, sewer line and related facility must be completed. Any future facilities or infrastructure needs identified through the City's Master Planning process are also included in the inventory. Maintenance records are then used to identify facilities that may need to be reconstructed or upgraded. Section IV-A and IV-B of this report provides additional detail on the inventory and needs assessment process used by the various Departments in preparing the Capital Improvements Program.

Task #2: Project Schedule and Cost Estimate

The schedule and cost estimate for each of the projects identified within the inventory and needs assessment are prepared by City leadership staff. This includes but is not limited to, the Director of Public Works, who is responsible for water, sewer, solid waste, and transportation related items; the Director of Parks, Recreation, Arts and Facilities, who is responsible for government buildings, parks, and recreation infrastructure related items; and the Director of Planning Building and Development, who is responsible for parking, economic development, and

neighborhood re-development related items. The schedule and cost estimate of each of the projects identified within the first task must be prepared by the Director of Parks, Recreation, Arts and Facilities, the City's Engineering staff, or by a consultant engineer working for the Department of Public Works.

Task #3: Project Revenue and Budget

The revenue and budget for the projects identified in the CIP are projected out over six years. Ideally, revenue projections are developed by using estimates based upon the City Manager's budget model, with direction from the Finance Director.

Task #4: Analyze Financing Sources

Financing sources for each project are identified by the responsible Department or staff person and may include multiple sources such as the general fund, federal or state grants, special assessments, general obligation or revenue bonds, and tax increment financing.

Task #5: Prioritizing

The projects identified in the inventory and needs assessment are prioritized by the responsible department, according to the priorities they have identified. Those priorities may include items such as available funding, level of need for the resource or facility, or the ability of the improvement to minimize or reduce operating costs.

Task #6: Capital Improvements Program Approval Process

The City Council will first hold a public hearing on the draft document. After all questions are answered and any recommended changes are made, the Council will approve the CIP.

III. FUNDING SOURCES

A. General Fund (GF)

General fund monies are primarily derived from local property taxes, income tax, state revenue sharing, fines, fees, and charges to other funds. Based upon administrative and operational expenses and committed bond payments, the amount of funds available for capital improvements has varied from year to year. Over the past several years, these funds have dropped significantly for several reasons. Over the past decade the City has experienced an over \$2 million per year decline in state revenue sharing (\$4 million per year if revenue sharing kept pace with inflation). Taxable Value declined 11.2% from 2009 to 2013 before it began to increase in 2014. The City's Taxable Value finally surpassed its 2009 level for the 2017 tax year. The 2019 taxable value was \$1,091,318,556. After years of experiencing significant decreases in the general fund, the City issued a ballot proposal for an income tax. It was approved by the citizens of East Lansing and became effective on January 1, 2019. It requires residents working in East Lansing or another community to pay a 1% tax and non-residents working in East Lansing to pay a 0.5% tax. The tax will expire after 12 years and revenue from the tax will be dedicated for specific purposes

such as police and fire protection, infrastructure and for supplemental payments for unfunded pension liabilities. Twenty percent of the income tax will go directly into the general fund for infrastructure.

B. Street Fund (SF)

Major and Local Street Fund monies are allocated based on a formula devised to distribute a representative portion of the State Gas and Weight Taxes collected to each municipal road agency. However, even with a proposed increase in State funding, the amount of this funding continues to be inadequate to properly maintain the road network. The funds are collected from State excise taxes included in gasoline prices and vehicle licensing fees. The State continues to discuss potential changes to the current funding sources and the amounts allocated to each municipality to better fund the current street systems.

C. Parking Fund (PF)

Funds generated from the City's parking system are used to maintain the system and if available, expand the parking facilities.

D. Park Fund (Park)

Funds generated from the Aquatic Center are used to maintain the center.

E. Water Fund (WF)

The Water Fund monies are derived primarily from user fees for City water services. This fund can only be used to maintain and improve the water system.

F. Sewer Fund (SW)

The Sewer Fund monies are derived primarily from user fees for City sewer services. This fund can only be used to maintain and improve the sewer system.

G. Special Assessment (SA)

Capital improvements that benefit properties, rather than the community as a whole, may be financed more equitably by special assessment; that is, by those who directly benefit. Local improvements often financed by this method include street improvements (including pavement, curb and gutter, sidewalks, etc.), sanitary and storm sewers, and water mains. These types of improvements are often needed to serve new developments. This method was used most recently to finance street and utility improvements to the Coolidge and Coleman Road extensions and the installation of utilities and alley reconstruction projects.

H. Solid Waste Fund (SWF)

The Solid Waste Management Fund accounts for landfill tipping fees, refuse and yard waste collection and recycling services. Property taxes currently allocated at 1.8250 mills account for the majority of the fund's income. Charges for Services, Interest Income and other Financing Sources make up the remainder of income for the fund.

I. Natural Resource Trust Fund (MNRTF)

The Michigan Natural Resources Trust Fund (MNRTF) provides funding for natural resource protection and outdoor recreation. By law, no more than 25 percent of the Trust Fund revenues available for appropriation each year can be used for development, therefore the majority of funding is allocated for acquisition projects.

J. Community Development Block Grant (CDBG) Program or State Revolving Fund (SRF)

As the City of East Lansing is an entitlement community, Community Development Block Grant (CDBG) funds are allocated by the Department of Housing and Urban Development annually. These funds are assigned to public infrastructure projects which directly benefit low- and moderate-income residents through activities such as sidewalk repairs, home ownership and home-owner rehabilitation improvements projects, and improvements to public parks or plazas.

The total 2019-2020 Block Grant allocation to the City is \$488,344. The East Lansing City Council approved CDBG projects as part of the Fiscal Year 20 budget. The estimated budget for Fiscal Year 2021 is also \$488,344.

K. Michigan Department of Transportation (MDOT)

The State Transportation Improvement Program (STIP) is a federally mandated planning document that lists surface transportation projects that the state plans to fund with federal aid. It provides information on the programs and projects to which state and local transportation agencies have committed to over the next four years and verifies that transportation resources are available and enough to finance them. Included are all federal-aid transit projects, rural federal-aid road projects, federal-aid road projects in small urban areas, and state trunk line projects located within MPO areas. By federal law the STIP list must be:

- Consistent with the state long-range plan
- Financially constrained
- Cover at least four years
- Provide for input from the public
- Meet air quality conformity regulation

The primary source of funding for Michigan's transportation programs are federal funds provided under multi-year federal authorization acts. Federal surface transportations funds are generated from federal motor fuel taxes and certain excise taxes and distributed to states by formula. The STIP is a compilation of transportation projects that will be authorized for funding in fiscal years 2019-2023. Financially constrained means the total cost of the listed projects

cannot exceed available funds; so, for a project to be listed in the STIP it must have identified funding within the four-year period covered by the document. This makes the STIP an important reference used by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) in approving the use of federal funds for transportation projects in Michigan. Projects must be in the STIP to move forward to completion.

L. Tax Increment Financing (TIF)

The City utilizes Tax Increment Financing (TIF) for a variety of development projects. TIF is the utilization of the incremental increase in tax revenue generated from a new project that is greater in value from the development it replaces. The City has three entities that can utilize TIF: Downtown Development Authority (DDA), Brownfield Redevelopment Authority (BRA), and Local Development Finance Authority (LDFA). The specific use of TIF revenue varies between these three entities, but generally provides for the use of TIF revenue to complete public components of a project. These components include a wide range of activities such as streets and parking (DDA), environmental remediation (BRA), and business development services (LDFA). The legal basis and regulations of TIF are provided for through Michigan law.

M. Donation and Other Non-traditional Funding Sources (DON)

As traditional sources for capital improvements become restricted, private and other non-traditional fund sources offer an opportunity to bridge funding gaps. It is anticipated that the City will begin to look to private funding sources to assist in the overall financing of many public improvements. Private sources are particularly attractive for projects with high visibility such as the Fountain Square improvements at the University Place/Marriott on M.A.C. Avenue. The City also looks at many other creative ways to fund small capital improvement projects through methods such as small grants and “crowd funding”, a method by which a small amount of money is raised from many people to fund a project. This process was recently used to raise money to improve the alley off Ann Street Plaza.

N. Bonding (B)

Many expensive projects are financed with General Obligation Bonds, which are then paid off through the General Fund revenues. General Obligation Bonds are bonds issued by the City which are backed by the full faith and credit of the City. Excluding revenue bonds, which are assumed to be self-liquidating, a City is permitted to issue bonds totaling up to 10 percent of the City's assessed value.

IV. STATUS REPORT

A. Inventory

An inventory is kept for all Capital Improvement items to assure that the provisions for maintenance and replacement are made.

1. Water and Sewer Utility Inventory

The Department of Public Works has prepared an inventory of the water and sanitary sewer system. There are four basic facets of the water utility: water lines, valves, meters, and fire hydrants. For the sanitary sewer utility, the data file simply contains information on sewer lines. The sewer lines may consist of combined sanitary and storm sewer lines or separate sanitary sewer lines.

The information for the utility database consists basically of mapped data. This mapped data for sewers includes information on pipe diameter, pipe length, manholes and catch basins. Specific project files include data on pipe material and the date the pipe is installed.

The water database contains specific information dealing with water valves, meters, fire hydrants and includes items such as an identification number, size and pipe material. In addition to being filed according to a specific project improvement, information is also included in a mapped database.

2. Local and Major Streets Inventory

The local and major streets inventory and analysis is completed by using the “Roadsoft” program, developed by the Michigan Department of Transportation. The program contains an assessment of street conditions based upon pavement type, pavement width, its condition, and similar characteristics. These factors may change along each street segment and block.

3. City Building Inventory

The Government Buildings Division has building profiles which contain information on the approximate size of the building in square feet, the date in which the building was constructed, including additions to the building, and the assessment of the general condition of the building.

Asbestos Surveys were completed for all City facilities in 2016 and Facility Condition Assessments are being conducted over the course of time to identify facility capital improvement needs. The Valley Court Condition Assessment was completed in 2018, the City Hall and Orchard Street Pumphouse Assessments were completed in 2019, the Library and Valley Court Park Stage Building (old BWL Building) Assessments were completed in 2020, and the Assessment for Fire Station #1 is anticipated to be completed in 2020 as well.

4. Parking System Inventory

The new Albert Avenue Center City garage opened FY2020. Build-out of the new parking department office took place FY2019/2020. Control Center & Servers Relocation Project took place in FY2020. The University Place South Plaza Replacement Project took place in FY2020 (the City is 1/3 of the University Place Condo Association because of the MAC parking garage). The most recent Parking Facility Condition Assessment was performed in FY2020 and the next Facility Restoration Project will commence in FY2021 and continue into FY2022. MAC Garage Lot 12 sump pumps are being replaced in FY2020. The Charles Street Lot 3 Garage Drain

Piping Upsizing Project is to take place FY2020. This project is to be funded by FTCH to address undersized drain piping from their original garage design. We are targeting asphalt surface repairs/replacement for Albert Lot 4, Evergreen Lot 8, & City Hall West Lot 15 for FY2020/FY2021 (dependent on possible development/infrastructure projects impacting those lots).

5. Park and Recreation Facilities Inventory

A comprehensive inventory of existing park and recreation facilities was completed in 2006 as part of the 2007 update to the City of East Lansing 5-Year Parks Plan. Over a two-month period, each park was visited, and the various amenities and features were cataloged and evaluated. A follow-up Site Amenities Assessment was completed in 2009 and site inventories were again completed in 2018.

6. Downtown Inventory

Downtown improvements have been implemented in conjunction with redevelopment projects that have taken place during the past few years. Additional bike loops, landscaping, and the installation of new litter and recycling containers throughout is currently being implemented throughout the downtown. In future years similar improvements will take place in other areas of the downtown.

B. Needs Assessment

To determine CIP needs for East Lansing, it is necessary to distinguish between expansion or improvement needs and repair and replacement needs. The need for improved facilities is based upon the level of service the City finds desirable. In general, repair or replacement projects are designed to alleviate the need for more costly replacement of entire systems.

1. Utilities

The City has 94 miles of watermain with planned upgrades to the existing distribution system to continue to meet the needs of the existing service area. The age of the water lines ranges from one to 70 years old. When watermain replacements are needed, plans and specifications are developed, and a public bidding process is conducted. Each year approximately 10 to 20 valves are typically replaced through routine maintenance and construction projects. Yearly expenditures for maintenance of the water system typically average \$100,000 per year.

The sewer system continues to require the greatest need for major improvements. The basic problem with the maintenance of the sewer system relates to the fact that breaks in the sewer lines cannot be anticipated or forecast with any great deal of certainty. The City has addressed the need to eliminate the environmental pollution created by the combined sewer overflow into the Red Cedar River. This was accomplished with the construction of the Combined Sewer Overflow (CSO) system Control Project. This was a three-phase project. The project consisted of constructing a tunnel to intercept the additional combined sewage, which is primarily storm water, and transporting it to a large retention basin for primary treatment. The water is then

pumped to the Water Resource Recovery Facility for treatment until flows subside to normal levels and adequate capacity is available in the existing system. The funds to cover this project were provided by a low interest loan from the State of Michigan Revolving Loan Fund. Increases in the sewer rates will continue to be needed in the future to pay for additional upgrades and improvements to the system.

The City analyzes sewer lines through televising and cleaning. Any problems that are encountered are scheduled for routine maintenance or correction.

The City's Water Resource Recovery Facility has made significant improvements over the years but because of the ongoing wear on mechanical and electrical equipment there is a continual need to replace equipment and upgrade technology in the plant. The City continues to review and schedule upgrades to increase capacity and improve efficiency. The plant is currently designed to handle flows in the range of about 20 million gallons per day. Average flows are now about 12 million gallons per day. The current plant has enough capacity to meet the City's existing needs, but to better meet the environmental and future development needs, we will continue to improve the technology and add additional capacity for the future.

2. Major and Local Streets

The City has 63.83 miles of local streets, 21.59 miles of major streets, and seven miles of State highways. Much of the funding available for the maintenance and improvement of these streets in the past came from funds distributed through Public Act 51 - Gasoline Tax Funds.

The City intends on adding to the street system with the extension of Coleman Road from West Road to Wood Street which is currently under construction. The City is working with neighboring jurisdictions, property owners and developers regarding funding and construction timing for street improvement projects.

3. Parks and Recreation

The City of East Lansing has nearly 490 acres of parks, recreation and open space property. These properties are discussed in the Parks, Recreation, Open Space and Greenways Plan. This plan contains a five-year proposed capital improvement program and must be updated every five years in order to be eligible for funds from the Michigan Department of Natural Resources Grant Programs. The latest plan was completed in 2020 and outlines the City of East Lansing parks and recreation program for the years 2020-2024.

4. Library

At the end of 2019, the library had a facilities assessment of the interior of the building done by C2AE. This assessment identified areas in need of replacement including large portions of the roof, HVAC system, and electrical system.

5. Parking

Staff constantly evaluates ideas which could improve the operational and financial aspects of the

parking system in terms of operational savings, increased revenue, and alternative management structure. The new Center City garage is now in operation, and staff are working through the complications of managing another mixed-use development that houses a city parking garage. A facilities engineering assessment was just completed by a professional engineering firm. This firm will complete construction documents, bid out and provide construction administration for the next facility repairs project in FY21. The Parking Division operates under a 5-Year Parking Master Plan on financial, maintenance and operational matters. The Parking Division has also reactivated the Parking Task Force for input and recommendations regarding Parking Division financials, marketing, and updating the 5-Year Parking Master Plan. Staff are targeting the Master Plan update to take place in FY21.

V. CAPITAL IMPROVEMENT POLICIES

In reviewing capital improvements, the City's Master Plan has been a major policy document used in evaluating the Capital Improvements Program. The Master Plan, which was adopted by the Planning Commission in 2018, is a broad-based policy document for the physical, economic and social development of the City. One of the key methods for implementing the Plan's proposals lies in the City's schedule of public improvements as expressed in the annual CIP.

The following is a general guideline used in preparing the CIP:

1. The City will develop a multi-year plan for capital improvements, update it annually and continue to increase the percentage of the City's Community Development Block Grant (CDBG) allocations committed for capital improvements.
2. The City shall, to the extent possible, designate that funding for second and third priority projects be given a higher priority and leverage City resources with private or other fund sources.
3. The City will maintain its physical assets at a level adequate to protect the City's capital investment and to minimize future maintenance and replacement costs.
4. The City will use the following criteria to evaluate the relative merit of each capital project:
 - a. capital improvements which preserve the City's infrastructure;
 - b. capital improvements which foster the vitality and physical improvement of the downtown;
 - c. capital improvements which preserve the residential character of the community;
 - d. capital improvements which improve the City's parks and its recreational facilities;

- e. projects which are environmentally advantageous to both the natural and human habitat.
5. Priority will be given to those capital improvements which:
- a. implement a component of the Master Plan;
 - b. are part of an approved replacement schedule;
 - c. reduce either the cost of operations or energy consumption; and
 - d. support neighborhood preservation efforts in an area where the majority of households are of low and moderate income.
6. No project will be considered for capital funding if:
- a. the project violates the principles and concepts of the Master Plan; and
 - b. the project is duplicative of other public or private services.

VI. SUMMARY

Table 1 is a six-year projection on spending for various functional areas of the City's Capital Stock. Table 2 is the City's bonded indebtedness and payment schedule for the next six years.

If the City is to achieve the goals and objectives presented in the Master Plan, it will be necessary to make a firm financial commitment to capital improvements through a variety of means in ensuing years. The improvement or replacement of existing public facilities and the development of needed new facilities must be weighed equally with the continued provision of local programs and services in allocating local resources. If existing facilities are allowed to deteriorate, it could result in more severe financial pressures in the future when breakdowns occur. Failure to provide new facilities could impede growth or diminish the desirability, and thus the value, of existing development.

One major emphasis in the last few years has been the repair and replacement of primary public facilities – streets, including curbing and sidewalks, sewers and water lines. These projects are a high priority as the Master Plan recognizes that the maintenance of such facilities is vital to the goal of preserving the quality of existing neighborhoods in the City.

2020-2026

Capital Improvements Program

APPENDIX

Capital Improvement Item	2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CBDG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)
Municipal/Public Facilities																						
City Hall																						
Electrical Systems																						
1	New fire alarm system	100,500						100,500														
2	Connect lighting to emerg. source		80,500					80,500														
3	Provide new exterior egress lighting		7,000					7,000														
4	Remove and replace switchboard 'main LTG'		15,000					15,000														
5	Remove and replace panelboard 'EM1'			5,000				5,000														
6	Remove and replace transformer 'Tem 1'		5,000					5,000														
7	Add variable speed drive to chiller				35,000			35,000														
8	Remove and replace emergency generator				75,000			75,000														
9	Remove abandoned cabling				17,000			17,000														
Plumbing Systems																						
10	Replace sewage ejector (54B storage room)		12,500					12,500														
11	Replace sump pump (54B storage room)		17,500					17,500														
12	Insulate assorted piping				8,500			8,500														
13	Connect water heaters to bldg. automation system				3,500			3,500														
Mechanical Systems																						
14	Replace jail HVAC and exhaust	121,000						121,000														
15	Replace boiler plant		126,000					126,000														
16	Building automation repair																					
17	Replace building automation system	16,500	165,000					181,500														
18	Replace original building AHU			273,000				273,000														
19	Replace AHU-1 from 1988 addition				187,000			187,000														
20	Replace AHU-2 from 1988 addition				256,000			256,000														
21	Pump replacements (unit cost)			37,500				37,500														
22	Unitary equipment (unit cost)					7,500		7,500														
23	Install stand alone air unit in court IT room	23,000						23,000														
Other																						
24	Insulate behind stone spandrel panels (14)		30,000					30,000														
25	Replace painted steel pipe railing assemblies				20,000			20,000														
26	Interior upgrades - lower level			36,000				36,000														
27	Interior upgrades - first floor		156,000					156,000														
28	Interior upgrades - second floor			174,000				174,000														
29	Interior wayfinding signage		20,000					20,000														
30	Exterior wayfinding signage		20,000					20,000														
31	Replace central interior stairwell railing		35,000					35,000														
32	Proximity card system				25,000			25,000														
33	Replace jail cell locks				25,000			25,000														
34	Renovate police women's locker room		110,000					110,000														
35	New pew cushions or chairs for courtrooms		10,000					10,000														
36	Upgrade interior of elevator car		10,000					10,000														
37	Replace trash compactor				30,000			30,000														
38	Roof evaluation for 10 City facilities	20,000						20,000														
Technology																						
39	Nomad presentation podium-upgrade both court podiums and PA systems		120,000																			
SUBTOTAL		281,000	939,500	525,500	443,000	246,500		2,315,500														
Library																						
40	New Boiler/HVAC system and chiller	460,000												460,000								
41	Engineering for New Boiler/HVAC system	68,000												68,000								
42	Repair parking lot-resurface	30,000												30,000								
43	Repair and replacement of sidewalks and handicap ramp	70,000												70,000								

Capital Improvement Item	2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CBDG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)	
44 Replace Outside sign (either digital or not)	8,000													8,000									
45 Interactive Children's Garden	70,000													70,000									
Technology																							
46 Meeting room upgrade: Upgrade technology to include new projector, new screen, new sound system, additional microphones			80,000											80,000									
47 New self checkout stations					60,000									60,000									
SUBTOTAL	706,000	0	80,000	0	60,000									846,000									
Fire Station																							
48 Exterior lighting replacement					10,000			10,000															
49 Multi-zone AHU w/hot water coil			52,000					52,000															
50 Replace truck bay heater		8,000						8,000															
51 Automated Overhead Door Closer																							
52 Remote door lock				10,000				10,000															
53 Energy management system		65,000						65,000															
54 Resurface Driveway				TBD																			
55 Resurface Back Parking Lot			TBD																				
56 Replace Concrete Apron		TBD																					
57 Carport for Fire Vehicles		TBD																					
58 Interior renovation including kitchen and administration area	150,000							150,000															
SUBTOTAL	150,000	73,000	52,000	10,000	10,000			295,000															
Hannah Community Center																							
59 Boiler Replacement	20,000	180,000						200,000															
60 Tuckpointing	20,000							20,000															
61 Swim pool south elevation façade evaluation	20,000							20,000															
62 Theater sound and lighting upgrades Ph II	40,000							40,000															
63 Roof area I resurfacing	25,000							25,000															
64 Modernize service elevator					75,000			75,000															
65 Upgrade swim pool ductwork				35,000				35,000															
66 Hannah interior improvements		100,000	100,000	100,000	100,000			400,000															
67 Parking lot repair and resurfacing				200,000	100,000			300,000															
68 Replace rear service entry pavement		100,000						100,000															
69 Replace energy management system	10,000	100,000						110,000															
70 Renovate restrooms					100,000			100,000															
71 Swimming pool renovations					200,000			200,000															
72 3rd floor - construct 2nd egress point & renovate					1,150,000		1,150,000																
73 Canopy over front entrance doors				45,000				45,000															
74 Replace front entrance doors			30,000					30,000															
75 Whole building generator					200,000			200,000															
76 Replace pool water recirculation pump			20,000					20,000															
77 Construct parking lot on s. side of building					100,000			100,000															
78 Replace emergency generator					40,000			40,000															
SUBTOTAL	135,000	480,000	150,000	380,000	2,065,000		1,150,000	2,060,000														0	
Valley Court Community Center																							
79 Replace fascia, soffit, gutters, and downspouts	10,000							10,000															
80 Replace wood guardrail with steel assembly					10,000		10,000																
81 Rebuild retaining wall and add drainage		15,000						15,000															
82 Masonry repairs	5,500							5,500															
83 Replace/repair doors and windows					12,000			12,000															
84 Upgrade interior finishes (flooring, ceilings, etc.)					140,000			140,000															
85 Roof replacement					50,000			50,000															
86 HVAC replacement					25,000			25,000															
87 Replace exhaust fan #2					5,000			5,000															
88 Replace 5-ton, exterior condensing unit					15,000			15,000															
89 Replace furnace #3 and 2-ton condensing unit					18,000			18,000															
90 Replace furnace #4, 1.5-ton cond unit & Exhaust fan #1					20,000			20,000															
91 Replace hot water heater					8,000			8,000															

Capital Improvement Item	2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CBDG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)
92 Replace condensate pump & furnaces #1 & 2					15,000		15,000															
SUBTOTAL	15,500				318,000		333,000															
Valley Court Stage Building (Former Board)																						
93 Roof, eves, soffit replacement		65,000						65,000														
SUBTOTAL		65,000						65,000														
Orchard Street Pump House																						
94 Repair historic windows & install storm windows		20,000						20,000														
95 Replace east entry door and side lights	10,000							10,000														
SUBTOTAL	10,000	20,000						30,000														
Aquatic Center																						
96 New pool liner	150,000							150,000														
97 Replace Pools and Falls	25,000							25,000														
98 Replace shower stalls					25,000			25,000														
99 Replace awnings		10,000	10,000	10,000				30,000														
100 Replace gate		8,000						8,000														
101 Fence replacement program			15,000	15,000	20,000			50,000														
102 Landscaping (complete replacement)					50,000			50,000														
103 Replace funbrellas		10,000	10,000	10,000	10,000	10,000		50,000														
104 Natural area management					25,000			25,000														
105 Refurbish fiberglass slides		100,000						100,000														
106 Renovate RRs/bathhouse facility					150,000			150,000														
107 Replace entry sign		10,000						10,000														
108 Roof repair					150,000			150,000														
109 Dewatering system					100,000			100,000														
SUBTOTAL	175,000	138,000	35,000	35,000	530,000	10,000		923,000														
Softball Complex																						
110 Baseball Club Improvements	25,000							25,000														
111 Resurface parking lot and entry drive		300,000	50,000					350,000														
112 Restroom partition replacement		20,000						20,000														
113 Fence repair/replacement program		15,000	15,000	15,000	15,000			60,000														
114 Remove scoreboards					10,000			10,000														
115 Playground					100,000			100,000														
116 Re-roof restroom/concession building					75,000			75,000														
SUBTOTAL	25,000	335,000	65,000	15,000	200,000			640,000														0
Soccer Complex																						
117 Resurface parking lot and entry drives			200,000	50,000				250,000														
118 Expand parking lots and entry drive					100,000			100,000														
119 Replace scoreboards					30,000			30,000														
120 Drainage - add drain tiles	50,000				150,000			150,000			50,000											
121 Fence replacement program			15,000	20,000				35,000														
122 Restroom partition replacement		20,000						20,000														
123 Field-turf two of the north fields					2,000,000		2,000,000															
124 Re-roof concession/team buildings					75,000			75,000														
SUBTOTAL	50,000	20,000	215,000	70,000	2,355,000		2,000,000	660,000			50,000											
Park Improvements																						
Abbey Park																						
125 Natural areas management					20,000		20,000															
Abbot Road Park																						
126 Replace bollards, wood signs, trash can, kiosk					10,000		10,000															
127 Nature trail improvements					30,000		30,000															
128 Natural areas management					35,000		35,000															
129 Pave entry drive and parking lot					200,000		200,000															
Albert A. White Park																						
130 Northern tier trail extension through the park	265,800																300,000				429,000	

Capital Improvement Item	2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CBDG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)
131 Construct Overlook Platform and Pathway to Top of Esker					150,000		150,000															
132 Seal parking lots					20,000		20,000															
Avondale Park																						
133 Tot lot					45,000		45,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Bailey Park																						
Burcham Park																						
135 Community solar project park improvements					50,000		50,000															
136 Park improvement Plan					10,000		10,000															
137 Natural areas management					30,000		30,000															
Medal of Honor Memorial/Veterans Park																						
Dog Park																						
138 Fob entry system					20,000		20,000															
139 Construct ADA pathway from Northern Tier Trail					15,000		15,000															
140 Install park lighting					20,000		20,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					50,000		50,000															
Ehinger Park																						
142 Playground					100,000		10,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Emerson Park Access from Neighborhood																						
144 Acquire easement for pedestrian access into park					30,000		30,000															
145 Playground	15,000				100,000		100,000	15,000														
146 Repave Emerson parking lot					8,000		8,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Glencairn Park																						
148 Playground					100,000		100,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Hannah Site/Britton Park																						
150 Fence repair					75,000		75,000															
151 Playground					100,000		100,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Harrison Meadows Park																						
153 Playground					100,000		100,000															
154 Natural areas management					45,000		45,000															
155 Resurface basketball court					20,000		20,000															
156 Resurface parking lot					25,000		25,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Harrison Road Park																						
158 Finish walkway					10,000		10,000															
Hawk Nest Park																						
159 Natural areas management					20,000		20,000															
160 Playground					100,000		100,000															
Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Henry Fine Park																						
162 Replace walking bridges					25,000		25,000															
163 Wildlife viewing platform at pond and paved access trail					150,000		150,000															

Capital Improvement Item	2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CBDG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)
164 Natural areas management					20,000		20,000															
165 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Hidden River Park																						
166 Tot lot					75,000		75,000															
167 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Northern Tier Trail																						
168 Repair to NTT along Sanderson Drain	150,000																				150,000	
169 Colorado Drive and Riveria Drive connections to the NT Trail		862,480															300,000					562,480
170 Install trail from Bogue Street to Hagedorn Road Along North Side of Red Cedar River					500,000		500,000															
171 Extend trail west from soccer complex to Coolidge Road					500,000		500,000															
172 Resurface/rebuild trail from soccer complex to State Road					400,000			400,000														
173 Expand trail south to the Red Cedar River					750,000		750,000															
John M. Patriarcho Park																						
174 Youth baseball field improvements								228,465									50,000					
175 Renovate pavilion and restrooms	480,000							200,000									300,000					
176 Improve volleyball courts					10,000		10,000															
177 Reconstruct tennis courts for pickleball		440,000						100,000									300,000				40,000	
178 Natural areas management					15,000		15,000															
179 Resurface basketball court					20,000		20,000															
180 Remove obsolete play equipment					20,000		20,000															
181 Re-roof maintenance structure					20,000		20,000															
182 Pave/construct parking lots and drives					750,000		750,000															
Robert Shaw Park																						
183 Playground					100,000		100,000															
184 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Shaw Water Tower Park (Gordon Guyer Park)																						
185 Playground					100,000		100,000															
186 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Stoddard Park																						
187 Tot Lot					75,000		75,000															
188 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Tamarisk Park																						
189 Resurface Basketball Court					20,000		20,000															
190 Playground					100,000		100,000															
191 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Valley Court Park																						
192 Remove tennis courts					30,000		30,000															
193 Playground					100,000		100,000															
194 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
Wolf Court Park																						
195 Playground					100,000		100,000															
196 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000		35,000															
SUBTOTAL	910,800	1,302,480			5,943,000		5,453,000	943,465									1,250,000	0			1,181,480	

Capital Improvement Item	2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CBDG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)	
Infrastructure Improvement Projects																							
Major Street Improvements																							
197	Signal Capital Improvements	65,000	65,000	65,000	65,000	65,000			390,000														
198	Abbot Crush and Shape-Saginaw to Lake Lansing (STP)	1,534,304							461,134				90,000						983,170				
199	Collingwood: Ann to Burcham (Water, Street and Sewer)	810,614							258,173			505,541	46,900										
200	Division and Charles: Albert to Grand River	91,080							91,080														
201	Albert Corridor Signal Optimization		146,250						36,250										110,000				
202	Burcham: Mill and Fill-Abbot to Park Lake (STP)		1,191,424						252,866										938,558				
203	Coolidge: Mill and Fill-Coleman to State		444,762						444,762														
204	Coolidge: Mill and Fill-Saginaw to Lake Lansing			1,256,746					365,415										891,331				
205	Hagadorn: Pavement Rehabilitation-Grand River to Burcham, midblock crossing, ADA upgrades (STP)				1,711,053				449,211			45,000	100,000						1,116,842				
206	Haslett: Pavement Rehabilitation-Saginaw to Park Lake, midblock crossing, ADA upgrades (STP)					603,225			458,225			45,000	100,000										
207	Albert: Pavement Rehabilitation-MAC to Hagadorn, midblock crossing, ADA upgrades (STP)								458,225			45,000	100,000						1,152,901				
SUBTOTAL		2,500,998	1,847,436	1,321,746	1,776,053	668,225	1,821,127	0	0	3,665,341	0	0	640,541	436,900	0	0	0	0	0	5,192,803	0	0	0
Local Street Improvements																							
208	Melrose: Crush and Shape and Replace Water-Hagadorn to Timberlane	764,113							179,157			548,566	36,390										
209	Berkshire and King: Crush and Shape and Replace Water	269,683							63,232			193,611	12,840										
210	Stoddard: Crush and Shape and replace water-Grand River to Burcham	1,123,691							263,467			806,714	53,510										
211	Brookfield: Mill and Fill - Roseland :Hagadorn to CL, Maplewood:	297,440							297,440														
212	Gainsborough: Mill and Fill-Harrison to Colorado	91,520							91,520														
213	Blanchette: Mill and Fill- Bramble to Harrison	137,280							137,280														
214	White Hills: Crush and shape and replace water		1,721,990						394,393			1,207,597	120,000										
215	Oakwood and East Glencairn Ph 2		1,789,715						361,828			1,107,887	320,000										
216	West Road: Crush and shape-Coleman to Lake Lansing		278,597						278,597														
217	Red Cedar Neighborhood Water Loop and Street Improvements: Marigold, Lilac, Daisy, Ivanhoe, Arbor, Tanager, Scott, Rowena, Rebecca, Narcissus, Sever			3,228,424					1,799,542			1,068,882	360,000										
218	East Glencairn Ph 3				2,922,146				569,221			1,742,907	610,018										
219	North Walnut Heights Pavement Improvement: Ridgewood Dr, Roby St, Parkvale Ave, S. Ferndale Ave, N. Woodside Dr				593,840				593,840														
220	East Glencairn Ph 4					769,029			185,053			473,977	110,000										
221	Northwest Bailey: Lantern Hill Dr. Cedarhill Dr, Bedford Rd, Marble Rd, Delridge Rd, and Knoll Rd					1,797,965			432,640			1,215,325	150,000										

Capital Improvement Item	2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CDBG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)
222 Northern Tier Pavement Improvements and ADA Ramp Construction: Marfitt Rd, Audrey's Way, Harrington Ln, Turtlecreek Dr, Abbey Rd, Crickett Ln					835,700				835,700													
223 Bailey Neighborhood Infrastructure						2,895,756			614,426			1,881,330	400,000									
224 Local Street Pavement Rehabilitation and ADA Ramp Improvements						800,000			800,000													
SUBTOTAL	2,683,727	3,790,302	3,228,424	3,515,986	3,402,694	3,695,756			7,897,336			10,246,796	2,172,758									
Sidewalks																						
225 Hazardous Sidewalk Program is included in each Local Street, Major Street and Neighborhood project under General Fund Cost	100,000	100,000	100,000	100,000	100,000	100,000		617,000														
226 Burcham Road Sidewalk Gap Closure		101,254							18,226											83,028		
227 Haslett Sidewalk Gap Closure		164,000							45,718											118,282		
228 Merritt Road Sidewalk Gap Closure			178,000						32,040											145,960		
229 CDBG - sidewalk and ADA improvements	100,000	100,000	100,000	100,000	100,000	100,000												600,000				
SUBTOTAL	200,000	465,254	378,000	200,000	200,000	200,000		617,000	95,984									600,000	347,270			
Utilities																						
Water																						
230 Radio Meter Read Conversion	50,000	50,000	100,000	100,000	100,000	100,000						500,000										
231 Burcham Valve Repairs	100,000											100,000										
232 Lead and Copper Rule Compliance-Lead component removal	200,000	200,000	200,000	200,000	200,000	200,000						1,200,000										
233 Water main lining	40,000											40,000										
234 Water Tower- 500,000 Gallon (Size to be finalized with reliability study)			2,600,000									400,000						2,200,000				
Sewer																						
235 SRF Michigan/Harrison	2,000,000																	2,000,000				
236 SRF Woodingham pump station, emergency generator, 2% interest (44%- Meridian Township)	1,500,000																	1,500,000				
237 Wilmarth Sewer Outfall Removal			3,920,000										300,000					0				
238 Sewer Capacity Improvements				800,000	8,000,000	800,000							800,000					8,800,000				
239 Regulator Performance Improvement (Beal, Sunset, Center)	900,000												900,000									
240 Structural Sewer Lining-SS/ES/I&I reduction	500,000	600,000	600,000	100,000	600,000	200,000							2,600,000									
SUBTOTAL	5,290,000	850,000	7,420,000	1,200,000	8,900,000	1,300,000						2,240,000	4,600,000					14,500,000				
Water Resource Recovery Facility																						
241 SRF - Interceptor & Head works (Pumping & Grit) & Misc., Facilities Improvements (40%-MSU, 33%- Meridian Township)	20,000																	20,000				
242 SRF- Bio-solids and solids handling, digester, and emergency power, 2% interest (40%-MSU, 33%- Meridian Township)	9,800,000																	9,800,000				
243 SRF- Aeration, primary clarifiers, construction new secondary clarifiers, improve north plant secondary clarifiers, gates, valves and piping) 2% interest (40%-MSU, 33%- Meridian Township)	2,200,000	24,000,000	10,000,000										2,200,000					34,000,000				

Capital Improvement Item		2021 Proposed	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	Not Funded (NF)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	Park Fund (Park)	Water Fund (WF)	Sewer Fund (SEF)	Library Fund (LF)	Special Assmt. (SA)	Solid Waste Fund (SWF)	Natural Resource Trust Fund (NRTF)	CBDG or *State Revolving Fund (SRF)	MDOT	DDA/BRA TIF (TIF)	Donation, Grant or Other (DON)	Bond (B)	
244	SRF- South Plant and Admin Building Renewal (primary and secondary clarifiers, gates, valves and piping) 2% interest (40%-MSU, 33%- Meridian Township)			1,600,000	10,000,000	2,000,000								1,600,000					12,000,000					
245	WRRF Facility and Process Upgrades (40%-MSU, 33%- Meridian Township)	300,000	300,000	200,000	200,000	200,000	350,000							1,550,000										
246	CSO Facility Repairs	700,000												700,000										
SUBTOTAL		13,020,000	24,300,000	11,800,000	10,200,000	2,200,000	350,000							6,050,000					55,820,000					
IT Projects																								
247	Document Imaging/Management	72,500							72,500															
SUBTOTAL		72,500							72,500															
Downtown																								
Sidewalks																								
248	500 Block of Albert Ave.	11,760																						11,760
249	100 Block of Abbot		100,000																					100,000
250	100/200 Block M.A.C. Ave.	100,000																						100,000
Bike Loops																								
251	400 Block of E. Grand River Ave.		3,600																					3,600
252	500 Block of E. Grand River Ave.	3,600																						3,600
Landscaping																								
253	400 Block of E. Grand River Ave.		5,500																					5,500
254	500 Block of E. Grand River Ave.	7,150																						7,150
Refuse & Recycling Systems																								
255	300 Block of E. Grand River Ave.					13,146																		13,146
256	400 Block of E. Grand River Ave.			7,500		13,146																		20,646
Newspaper Rack Enclosures																								
257	300 Block of E. Grand River Ave.	1,250																						1,250
258	400 Block of E. Grand River Ave.		1,250																					1,250
259	500 Block of E. Grand River Ave.			1,250																				1,250
260	600 Block of E. Grand River Ave.				1,250																			1,250
261	100/200 Block of E. Grand River Ave.	1,250																						1,250
Street Furniture																								
262	300 Block of E. Grand River Ave.	3,000																						3,000
263	400 Block of E. Grand River Ave.	3,000																						3,000
264	500 Block of E. Grand River Ave.	3,000																						3,000
265	600 Block of E. Grand River Ave.	3,000																						3,000
266	100/200 Block of E. Grand River Ave.	3,000																						3,000
Amenities/Planters																								
267	400 Block of E. Grand River Ave.		2,400																					2,400
268	500 Block of E. Grand River Ave.	2,400																						2,400
Tobacco/Ash Urns																								
269	400 Block of E. Grand River Ave.		450																					450
270	500 Block of E. Grand River Ave.	450																						450
Signage																								
271	Wayfinding Signs																							
SUBTOTAL		142,860	113,200	8,750	1,250	26,292	0																	292,352
Parking																								
272	Parking facilities restoration projects	535,000		250,000		250,000					1,035,000													
SUBTOTAL		535,000		250,000		250,000					1,165,000													
TOTAL		26,903,385	34,739,172	25,529,420	17,846,289	27,374,712	7,376,883	8,936,000	8,621,465	11,658,661	1,165,000	50,000	13,127,336	13,259,658	846,000	0	0	1,250,000	70,920,000	5,540,073	292,352	1,181,480	0	

Table 2
Schedule of Bonded Indebtedness
FY2020-FY2025
 Rev. 02/22/2020

DEBT SERVICE SCHEDULE (principal and interest)
CITY OF EAST LANSING

<u>BOND PROJECT</u>	<u>Year Issued</u>	<u>Amount of Issue</u>	<u>Type of Debt</u>	<u>Funding Source</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>Six-Year Total</u>
Capital Improvements (refinanced 2016)	2008	795,000	GOLTD	General	55,400	54,050	57,700	61,200	24,000	23,200	275,550
Avondale Square (refinanced 2018)	2010	2,365,000	GOLTD	Gen/CIP	181,683	180,718	181,568	182,210	182,645	177,873	1,086,697
SUBTOTAL GENERAL DEBT SERVICE					237,083	234,768	239,268	243,410	206,645	201,073	1,362,247
Section 108 Loan (FY20 includes additional payments)	2006	1,500,000	GOLTD	HUD-CDBG	301,729	84,897	80,742	66,827	-	-	534,195
DDA Refinancing Bonds - City Center	2015	2,850,000	GOLTD	DDA	327,179	331,719	340,339	352,805	354,128	324,513	2,030,683
Michigan Transportation Bonds	2009	1,540,000	GOLTD	Streets	137,600	137,540	137,250	136,730	135,980	-	685,100
ENTERPRISE FUND DEBT											
City Center/New Ramp (refinanced 2005 and 2015)	2000	12,500,000	LTD. TAX	Parking	897,330	827,600	830,400	827,000	827,600	832,000	5,041,930
Stonehouse Village III/Lot 11 Series A (refinanced 2016)	2007	2,160,000	LTD. TAX	Parking	113,125	121,775	125,125	123,325	125,925	128,325	737,600
Stonehouse Village III Series B (refinanced 2016)	2007	1,550,000	LTD. TAX	Parking	90,124	95,162	96,646	96,528	102,736	106,775	587,971
2011 Bonds Series A Parking Improvements	2011	2,000,000	LTD. TAX	Parking	155,462	157,519	156,491	155,148	156,542	157,506	938,668
MAC Garage Rehab	2016	5,960,000	LTD. TAX	Parking	363,963	361,088	362,820	364,152	365,137	360,757	2,177,917
PARCS Installment Purchase Contract	2016	1,430,000	Installment Loan	Parking	216,450	217,906	219,275	215,600	216,881	-	1,086,112
SUBTOTAL PARKING DEBT					1,836,454	1,781,050	1,790,757	1,781,753	1,794,821	1,585,363	10,570,198
Public Service Garage (refinanced 2012)	2003	6,860,000	LTD. TAX	Garage	392,125	387,825	388,375	388,625	390,250	386,625	2,333,825
Public Service Garage (refinanced 2014)	2004	2,500,000	LTD. TAX	Garage	178,504	174,764	170,982	177,200	173,174	174,148	1,048,772
SUBTOTAL GARAGE DEBT					570,629	562,589	559,357	565,825	563,424	560,773	3,382,597
2011 Bonds Series A Water Improvements	2011	1,500,000	LTD. TAX	Water	116,610	118,153	117,382	116,375	117,420	118,144	704,084
Coleman Road Deferred SA (refinanced 2016)	2007	600,000	LTD. TAX	Water/Sewer	54,083	62,342	63,559	71,056	71,802	74,258	397,100
Albert Street Sewer Improvements	2012	1,370,000	LTD. TAX	Sewer	92,175	90,225	88,275	91,325	89,575	92,825	544,400
2013 Relief Sanitary Sewer Installation	2013	2,935,000	LTD. TAX	Sewer	167,539	169,989	167,389	169,739	167,039	169,289	1,010,984
2015 SRF Loan WRRF Improvements	2015	15,000,000	REV	Sewer	965,000	964,125	962,875	961,250	964,250	961,750	5,779,250
2017 SRF Loan WRRF Improvements ***	2017	29,500,000	REV	Sewer	1,703,711	1,753,353	1,753,478	1,752,853	1,751,478	1,754,291	10,469,164
2019 SRF Loan WRRF Improvements ***	2019	49,624,258	REV	Sewer	168,756	365,081	2,379,731	2,383,581	2,381,581	2,383,731	10,062,461
Wilmarth Drain - CSO	2000	660,000	LTD. TAX	Sewer	58,163	-	-	-	-	-	58,163
CSO Phase III	2004	9,605,000	REV	Sewer	551,371	551,065	555,493	554,656	553,606	552,343	3,318,534
SUBTOTAL WATER AND SEWER					3,877,408	4,074,333	6,088,182	6,100,835	6,096,751	6,106,631	32,344,140
TOTAL DEBT SERVICE/ALL FUNDS					\$ 7,288,082	\$ 7,206,896	\$ 9,235,895	\$ 9,248,185	\$ 9,151,749	\$ 8,778,353	\$ 50,909,160

Total Bonded Indebtedness as of June 30, 2019 was \$70.9 million (principal outstanding)

*** - loans are in drawdown status, amounts shown represent balance drawn as of date noted at top