

City of East Lansing

Capital Improvements Program

2023-2028

Adopted:

City of East Lansing

Capital Improvements Program

2023-2028

Mayor Ron Bacon

Mayor Pro Tem Jessy Gregg
Councilmember Lisa Babcock
Councilmember George Brookover
Councilmember Dana Watson

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 2023-2028.

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.

E-mail correspondence should be directed to planningandzoning@cityofeastlansing.com

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. Income Tax	
	C. Street Funds	
	D. Parking 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 2023-2028 Capital Improvements Program	
	• Table 2 2023-2028 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, state revenue sharing, fines, fees, and charges for services. Based upon operational expenses, legacy pension funding requirements, and committed bond payments, the amount of funds available for capital improvements has varied from year to year. The Great Recession spurred a decline in taxable values, with a reduction of 11.2% from 2009 to 2013. Due to Proposal A and Headlee limitations, property tax revenue recovers at a much slower pace. The City's taxable value remained below that of the 2009 level until 2017. Since then, values have seen a modest increase each year with significant development occurring in the City. State revenue sharing has remained at a much lower level than ever anticipated, creating more pressure for local governments to do more with less. Finally, underfunded pension plans and the requirements to fully fund these legacy costs has added additional burden to the General Fund.

B. Income Tax Fund (IT)

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 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 net new revenue from the tax is restricted for specific purposes, those being police and fire protection, infrastructure and supplemental payments for unfunded pension liabilities. Twenty percent of the net new income tax revenue is dedicated to supporting infrastructure projects.

C. 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.

D. Parking Fund (PF)

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

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 2021-2022 Block Grant allocation to the City is \$501,215. The East Lansing City Council approved CDBG projects as part of the Fiscal Year 21 budget. The estimated budget for Fiscal Year 2023 is also \$501,215.

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 transportation 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 2023-2026. 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 Pavement Surface Evaluation and Rating (PASER) 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 was completed in 2020. A Roof Asset Management Program was completed in 2021 and contains an assessment of the condition of all City facility roofs along with a maintenance and repair program.

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). MAC Garage Lot 12 sump pumps were replaced in FY2020. The Charles Street Lot 3 Garage Drain Piping Upsizing Project took place FY2020. This project was funded by the contractor to address undersized drain piping from their original garage design. Albert Avenue Lot 8 was redesigned and completed in FY2022, along with asphalt replacement in City Hall West Lot 15. The most recent Parking Facility Condition Assessment was performed in FY2022 and the next Facility Restoration Project will commence the end of FY2022 and continue into FY2023. Charles Street Lot 3 elevator modernization is planned for FY2023 and overlapping into FY2024.

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 130 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 120 years in age. 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.

The City has 81 miles of sanitary sewer, 62 miles of storm sewer and 42 miles of combined sewer. The age of the sewer system ranges from one to 110 years. The City analyzes sewer lines through televising and cleaning. Any problems that are encountered are scheduled for routine maintenance or correction. When sewers required replacement or larger improvements,

to include structural lining, plans and specifications are developed, and a public bidding process is conducted. The primary challenge with the sewer system is meeting future needs for increased intensities in rain fall while extending the service life of the existing system, where applicable. 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's Water Resource Recovery Facility has made significant improvements over the years, with the final process improvement phase starting construction in FY2022, which will increase capacity and improve efficiency. The plant is currently designed to handle flows in the range of about 20 million gallons per day, and once the last operational improvement is made, the capacity will be in excess of 40 million gallons per day. Average flows are now about 12 million gallons per day. After the various improvements are complete, the plant will have enough capacity to meet the City's existing and future needs.

2. Major and Local Streets

The City has 62.1 miles of local streets, 24.3 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.

3. Parks and Recreation

The City of East Lansing has nearly 490 acres of parks, recreation, and open space property, as well as a 4.5+ mile off-road non-motorized pathway system. 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 capital program for the years 2020-2024.

4. Library

Throughout fiscal year 2021 and fiscal year 2022, the library had roof portion B replaced; the HVAC replaced; the south ramp, with railings added to both sides of the ramp for better accessibility for patrons with ADA needs and elderly patrons; sidewalk and stairs in front of the library regraded and redone; the electric to run the new HVAC system updated; the circle drive of the parking lot was partially resurfaced, and the curve was reduced by 25%. In addition, the windows on the west, north, and east sides of the building will be replaced in March/April 2022.

Library fund balance money was used for these repairs and upgrades and some ARPA money will be used for the window replacements. In FY2023 phase two of the site improvements will begin including sidewalk replacement on the north end, retaining wall repairs and installation of the children's garden, which will provide an additional cultural and diverse venue for programming, access to Michigan indigenous plants and sensory interactive elements. Funds for the children's garden will come from fundraising efforts and donations. In addition, equipment in the Maker Studio, the sound system throughout the library, and the projection system in the meeting room will be upgraded and replaced. The feasibility of solar roof panels will be investigated as other portions of the roof are replaced in FY2023 and FY2024. In FY2023, the two exterior signs will be replaced as part of the site improvements. All facility repairs and upgrades will be paid for out of library funds, except where ARPA money is available.

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. 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 FY2022. 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 FY2023.

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.

2023-2028

Capital Improvements Program

APPENDIX

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)	
Municipal/Public Facilities																							
City Hall																							
Electrical Systems																							
1		125,000																			125,000		
2			80,500																		80,500		
3			7,000																		7,000		
4				15,000																	15,000		
5					5,000			5,000															
6					5,000			5,000															
7						17,000		17,000															
Plumbing Systems																							
8		12,500																			12,500		
9	17,500																				17,500		
Mechanical Systems																							
10			126,000																		126,000		
11	40,000																				40,000		
12		20,000	187,000																		207,000		
13			30,000	256,000																	286,000		
14						37,500		37,500															
15	10,000	15,000	15,000	15,000																	55,000		
16				100,000																	100,000		
17					15,000			15,000															
18				23,000				23,000															
Other																							
19				30,000				30,000															
20	15,000							15,000															
21		20,000																			20,000		
22		36,000																			36,000		
23		156,000																			156,000		
24		174,000																			174,000		
25		20,000																			20,000		
26		20,000						20,000															
27			35,000																		35,000		
28			25,000					25,000															
29		60,000																			60,000		
30		60,000																			60,000		
31			40,000																		40,000		
32			90,000					90,000															
33				12,000																	12,000		
34				12,000																	12,000		
35			25,000																		25,000		
36				110,000				110,000															
37		5,000						5,000															
38			10,000					10,000															
39		75,000																			75,000		
40			30,000					30,000															
Technology																							

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)	
41 Nomad presentation podium-upgrade both court podiums and PA systems																							
SUBTOTAL	82,500	798,500	700,500	573,000	25,000	54,500	0	437,500	0	0	0	0	0	0	0	0	0	0	0	1,796,500	0	0	
Library																							
42 Replace Outside sign (either digital or not)	30,000												30,000										
43 Interactive Children's Garden (partially funded by donations)	140,000												140,000										
44 Encapsulate limestone coping around roof area C	12,000												12,000										
45 Upgrade high-ceiling lighting to LED			20,000										20,000										
46 Roof area A				170,000									170,000										
47 Photovoltaics (roof solar panels)		230,000											230,000										
Technology																							
48 Meeting room technology to include Network Infrastructure, projector, screen, sound system, microphones	100,000																			100,000			
49 Update Wireless Access points		40,000											40,000										
50 Self checkout stations		60,000											60,000										
													0										
													0										
SUBTOTAL	282,000	330,000	20,000	170,000	0	0	0	0	0	0	0	0	702,000	0	0	0	0	0	0	100,000	0	0	
Fire Station																							
51 Resurface Driveway			75,000					75,000															
52 Resurface Back Parking Lot			125,000					125,000															
53 Replace Concrete Apron		50,000						50,000															
54 Carport for Fire Vehicles				100,000				100,000															
55 20'x30' storage shed		30,000						30,000															
56 6' fence around bike repair shop (35'x65' area)		10,000						10,000															
57 Interior renovation including kitchen and	1,250,000																			1,250,000			
								0															
SUBTOTAL	1,250,000	90,000	200,000	100,000	0	0	0	390,000												1,250,000			
Hannah Community Center																							
58 Engineering for boiler replacement	20,000							20,000															
59 Boiler Replacement		180,000																		180,000			
60 Theater sound and lighting upgrades Ph II	45,000						25,000														20,000		
61 Modernize service elevator				75,000				75,000															
62 Upgrade swim pool ductwork			35,000					35,000															
63 Hannah interior improvements engineering to replace energy management system	10,000	1,000,000						10,000												1,000,000			
64 Replace energy management system		90,000						90,000															
66 Renovate restrooms				100,000				100,000															
67 Swimming pool renovations					200,000			200,000															
68 Roof area D (theater dressing room) bridging repair	80,000						80,000																
69 3rd floor - construct 2nd egress point & renovate	1,500,000																			1,500,000			
70 Canopy over front entrance doors			45,000					45,000															
71 Replace front entrance doors		30,000						30,000															
72 Whole building generator					200,000			200,000															
73 Replace pool water recirculation pump		20,000						20,000															
74 Replace pool air handler	150,000							150,000															

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)	
75 Storage building	75,000																					75,000	
76 Shade structure	75,000																					75,000	
77 Prime Time great room expansion	500,000																					500,000	
78 Construct parking lot on s. side of building						200,000		200,000															
79 Replace emergency generator			40,000					40,000															
SUBTOTAL	2,455,000	1,320,000	120,000	175,000	400,000	200,000	105,000	1,215,000													2,680,000	670,000	
Valley Court Community Center																							
80 Replace wood guardrail with steel assembly			10,000					10,000															
81 Rebuild retaining wall and add drainage		15,000						15,000															
82 Replace/repair doors and windows				12,000				12,000															
83 Upgrade interior finishes (flooring, ceilings, etc.)					140,000			140,000															
84 Roof replacement					50,000			50,000															
85 HVAC replacement				25,000				25,000															
86 Replace exhaust fan #2				5,000				5,000															
87 Replace 5-ton, exterior condensing unit				15,000				15,000															
88 Replace furnace #3 and 2-ton condensing unit				18,000				18,000															
89 Replace furnace #4, 1.5-ton cond unit & Exhaust fan #1				20,000				20,000															
90 Replace hot water heater				8,000				8,000															
91 Replace condensate pump & furnaces #1 & 2				15,000				15,000															
SUBTOTAL	0	15,000	10,000	118,000	190,000			333,000													0		
Valley Court Stage Building (Former Board of																							
92 Roof, eaves, soffit replacement		20,000						20,000															
93 Tuckpointing	20,000	25,000						45,000															
SUBTOTAL	20,000	45,000						65,000													0		
Orchard Street Pump House																							
94 Replace furnace	8,000							8,000															
SUBTOTAL	8,000							8,000													0		
Aquatic Center																							
95 Resurface parking lot		350,000																			350,000		
96 Replace awnings		10,000	10,000	10,000				30,000															
97 Repair entry drive and replace gate		150,000																			150,000		
98 Fence replacement program			15,000	15,000	20,000			50,000															
99 Natural area management					25,000			25,000															
100 Replace entry sign		10,000						10,000															
101 Re-roof Buildings					150,000			150,000															
102 Replace UV disinfectant vessel		10,000						10,000															
SUBTOTAL		530,000	25,000	25,000	195,000		0	275,000													500,000		
Softball Complex																							
103 Restroom partition replacement			20,000					20,000															
104 Fence repair/replacement program			15,000	15,000	30,000			60,000															
105 Remove scoreboards		10,000						10,000															
106 Playground					100,000			100,000															
107 Re-roof restroom/concession building					75,000			75,000															
SUBTOTAL	0	10,000	35,000	15,000	205,000	0	0	265,000													0	0	
Soccer Complex																							
108 Resurface parking lot and entry drives		325,000																			325,000		
109 Expand parking lot		200,000																			200,000		

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)	
110 Replace scoreboards			30,000					30,000															
111 Drainage - add drain tiles		75,000	75,000					150,000															
112 Fence replacement program				15,000	15,000	20,000		50,000															
113 Restroom partition replacement			20,000					20,000															
114 Field-turf two of the north fields						2,000,000		2,000,000															
115 Upgrade soccer pole barn for increased storage		20,000						20,000															
116 Re-roof concession/team buildings					75,000			75,000															
SUBTOTAL	0	620,000	125,000	15,000	90,000	2,020,000	0	2,345,000	0	0	0	0	0	0	0	0	0	0	0	525,000	0	0	
Park Improvements																							
Abbey Park																							
117 Natural areas management					20,000			20,000															
Abbot Road Park																							
118 Replace bollards, wood signs, trash can, kiosk		10,000						10,000															
119 Nature trail improvements			30,000					30,000															
120 Natural areas management					35,000			35,000															
121 Pave entry drive and parking lot				200,000				200,000															
Albert A. White Park																							
122 Lake Lansing Rd/Tower Ave. intersection reconstruction		400,000																				400,000	
123 Re-roof pavilion						20,000		20,000															
124 Seal parking lots		20,000						20,000															
Avondale Park																							
125 Tot lot					45,000			45,000															
126 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000			35,000															
Bailey Park																							
Burcham Park																							
127 Community solar project park improvements			50,000					50,000															
128 Park improvement Plan		10,000						10,000															
129 Natural areas management				30,000				30,000															
Medal of Honor Memorial/Veterans Park																							
Dog Park																							
130 Fob entry system			20,000					20,000															
131 Construct ADA pathway from northern Tier Trail			15,000					15,000															
132 Install park lighting					20,000			20,000															
133 Improvements to items such as walkways, benches, picnic tables, signage, etc.					50,000			50,000															
Ehinger Park																							
134 Playground					100,000			100,000															
135 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000			35,000															
Emerson Park Access from Neighborhood																							
136 Acquire easement for pedestrian access into park			30,000					30,000															
137 Improvements to items such as walkways, benches, picnic tables,	105,560																105,560						
Glencairn Park																							
138 Playground			100,000					100,000															
139 Improvements to items such as walkways, benches, picnic tables, signage, etc.				35,000				35,000															
Hannah Site/Britton Park																							

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)	
140 Fence repair			75,000					75,000															
141 Playground expansion					100,000			100,000															
142 Improvements to items such as walkways, benches, picnic tables, signage, etc.			35,000					35,000															
143 Storage building	[see line 75]																						
144 Shade structure	[see line 76]																						
145 Prime Time great room expansion	[see line 77]																						
Harrison Meadows Park																							
146 Playground				100,000				100,000															
147 Natural areas management					45,000			45,000															
148 Resurface basketball court			20,000					20,000															
149 Resurface parking lot			25,000					25,000															
150 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000			35,000															
Harrison Road Park																							
151 Finish walkway			10,000					10,000															
Hawk Nest Park																							
152 Natural areas management					20,000			20,000															
153 Playground					100,000			100,000															
154 Re-roof pavilion						15,000		15,000															
155 Improvements to items such as walkways, benches, picnic tables, signage, etc.			35,000					35,000															
Henry Fine Park																							
156 Replace walking bridges		25,000						25,000															
157 Wildlife viewing platform at pond and paved access trail			300,000					300,000															
158 Natural areas management					20,000			20,000															
159 Improvements to items such as walkways, benches, picnic tables, signage, etc.			35,000					35,000															
Hidden River Park																							
160 Tot lot			75,000					75,000															
161 Improvements to items such as walkways, benches, picnic tables, signage, etc.			35,000					35,000															
Northern Tier Trail																							
162 Relocate NTT along Sanderson Drain	150,000																					150,000	
163 Install trail from Bogue Street to Hagedorn Road Along North Side of Red Cedar River				600,000												300,000						300,000	
164 Extend trail west from soccer complex to Coolidge Road		600,000						100,000								300,000						200,000	
165 Resurface/rebuild trail from soccer complex to State Road			400,000					100,000								300,000							
166 Expand trail south to the Red Cedar River					750,000			100,000								300,000						350,000	
John M. Patriarcho Park																							
167 Improve volleyball courts			10,000					10,000															
168 Reconstruct tennis courts for pickleball	380,000						30,000									300,000						50,000	
169 Natural areas management					15,000			15,000															
170 Replace basketball court	150,000						150,000																
171 Remove obsolete play equipment			20,000					20,000															
172 Pave/construct parking lots and drives		250,000	250,000	250,000				750,000															
Robert Shaw Park																							
173 Playground				100,000				100,000															
174 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000			35,000															

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)	
Shaw Water Tower Park (Gordon Guyer Park)																							
175 Playground			100,000					100,000															
176 Improvements to items such as walkways, benches, picnic tables, signage, etc.				35,000				35,000															
Stoddard Park																							
177 Replace playground		75,000															75,000						
178 Improvements to items such as walkways, benches, picnic tables, signage, etc.		50,000															50,000						
Tamarisk Park																							
179 Resurface Basketball Court			20,000					20,000															
180 Playground				100,000				100,000															
181 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000			35,000															
Valley Court Park																							
182 Reconstruct tennis courts and install pickleball courts			200,000													200,000							
183 Playground				50,000				50,000															
184 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000			35,000															
Wolf Court Park																							
185 Playground					100,000			100,000															
186 Improvements to items such as walkways, benches, picnic tables, signage, etc.					35,000			35,000															
SUBTOTAL	785,560	1,440,000	1,890,000	1,500,000	1,665,000	35,000	180,000	3,755,000	0	0	0	0	0	0	0	1,700,000	230,560	0	0	0	1,450,000	0	
Infrastructure Improvement Projects																							
Major Street Improvements																							
187 Signal Capital Improvements	65,000	65,000	65,000	65,000	65,000	65,000			390,000														
188 Harrison- Michigan to 400' South		240,000							240,000														
190 Coolidge: Mill and Fill-Saginaw to Lake Lansing	1,778,095								326,620		45,000	100,000										1,306,476	
191 Hagadorn: Pavement Rehabilitation- Grand River to Burcham, midblock crossing, ADA upgrades (STP)		1,790,272							329,054		45,000	100,000										1,316,218	
192 Haslett: Pavement Rehabilitation- Saginaw to Park Lake, midblock crossing, ADA upgrades (STP)			2,112,366						393,474		45,000	100,000										1,573,892	
193 Albert: Pavement Rehabilitation-MAC to Hagadorn, midblock crossing, ADA upgrades (STP)				1,272,000					1,127,000		45,000	100,000											
194 Lake Lansing Rehabilitation - Coolidge to 127 (STP)					1,870,000				287,500		45,000	100,000										1,437,500	
195 Harrison Road - Grand River to Saginaw						1,645,000			250,000		45,000	100,000										1,250,000	
SUBTOTAL	1,843,095	2,095,272	2,177,366	1,337,000	1,935,000	1,710,000	0	0	3,343,647	0	270,000	600,000	0	0	0	0	0	6,884,086	0	0	0	0	0
Infrastructure Improvement Projects																							
Local Street Improvements																							
196 Melrose: Crush and Shape and Replace Water-Hagadorn to Timberlane	764,113								179,157		548,566	36,390											
197 Berkshire and King: Crush and Shape and Replace Water	269,683								63,232		193,611	12,840											
198 Stoddard: Crush and Shape and replace water-Grand River to Burcham	1,123,691								263,467		806,714	53,510											
199 White Hills: Crush and shape and replace water	1,721,990								394,393		1,207,597	120,000											
200 Oakwood and East Glencairn Ph 2			1,789,715						361,828		1,107,887	320,000											

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)		
201 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												
202 East Glencairn Ph 3					2,922,146				569,221		1,742,907	610,018												
203 North Walnut Heights Pavement Improvement: Ridgewood Dr, Roby St, Parkvale Ave, S. Ferndale Ave, N. Woodside Dr		593,840							593,840															
204 East Glencairn Ph 4						980,000			360,000		360,000	260,000												
205 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												
206 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															
207 Bailey Neighborhood Infrastructure						2,895,756			614,426		1,881,330	400,000												
SUBTOTAL	3,879,477	3,822,264	2,625,415	1,797,965	2,922,146	3,875,756	0	0	6,467,446	0	10,132,819	2,322,758	0	0	0	0	0	0	0	0	0	0	0	
Sidewalks																								
208 Hazardous Sidewalk Program is included in each Local Street, Major Street and Neighborhood project under General Fund Cost	250,000	50,000	50,000	50,000	100,000	100,000		350,000													250,000			
209 Merritt Road Sidewalk Gap Closure-TAP	178,000								32,040															
210 Safe Routes to School	440,000	440,000	220,000																					
211 CDBG - sidewalk and ADA improvements	100,000	100,000	100,000	100,000	100,000	100,000											600,000							
SUBTOTAL	968,000	590,000	370,000	150,000	200,000	200,000	0	350,000	32,040	0	0	0	0	0	0	0	600,000	1,245,960	0	250,000	0	0	0	
Utilities																								
Water																								
212 Radio Meter Read Conversion Pilot	4,200,000										400,000						2,900,000				900,000			
213 Shaw Water Tower Cathodic Protection	40,000										40,000													
214 Lead and Copper Rule Compliance-Lead component removal	325,000	325,000	325,000	325,000	325,000	325,000					1,950,000													
215 Water Main Lining - Pilot		100,000									100,000													
216 Water Tower- 500,000 Gallon (Size to be finalized with reliability study)				2,600,000							400,000						2,200,000							
217 Abbey Road Wet Interior Coating				115,000							115,000													
Sewer																								
218 SRF Rivers Waters Edge District Improv	10,200,000											5,000,000					5,200,000							
219 SRF - Wilmarth Sewer Outfall Removal	3,800,000											400,000					3,400,000							
220 Sewer Capacity Improvements					900,000							900,000												
221 Regulator Performance Improvement (Beal, Center)		500,000									150,000	350,000												
222 SRF Shaw Estate Sewer Separation			5,700,000									200,000					5,500,000							
223 SRF Cowley Highland Kensington Sewer Improvements			3,200,000									2,200,000					1,000,000							
224 SRF Elm Valley Sewer District Improvements			6,000,000									3,500,000					2,500,000							
225 Structural Sewer Lining-SSES/I&I reduction	200,000	200,000	200,000	400,000	200,000	200,000						1,400,000												
SUBTOTAL	18,765,000	1,125,000	18,140,000	725,000	1,425,000	525,000	0	0	0	0	3,155,000	13,950,000	0	0	0	0	22,700,000	0	0	900,000	0	0	0	

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)
Water Resource Recovery Facility																						
226 SRF- Aeration, primary clarifiers, construction new secondary clarifiers, improve north plant secondary clarifiers, gates, valves and piping) 2% interest (40%-MSU, 33%- Meridian Township)	14,800,000											1,000,000					13,800,000					
227 SRF- Admin Building Renewal and Solar 2% interest (40%-MSU, 33%- Meridian Township)	6,500,000											500,000					6,000,000					
228 SRF- Secondary clarifiers Improvements 2% interest (40%-MSU, 33%- Meridian Township)			21,000,000									1,500,000					19,500,000					
229 WRRF Facility and Process Upgrades (40%-MSU, 33%- Meridian Township)	200,000	400,000	200,000	350,000	350,000	350,000						1,850,000										
230 SRF - Primary Clarifier Expansion and Improvements						21,500,000						1,500,000					20,000,000					
231 Coleman Road Pump Station Design, Emergency Power and Controls Improvements	280,000											280,000										
SUBTOTAL	21,780,000	400,000	21,200,000	350,000	21,850,000	350,000	0	0	0	0	0	6,630,000	0	0	0	0	59,300,000	0	0	0	0	0
Public Works Facility																						
SUBTOTAL									0		0	0			0							
IT Projects																						
No Projects at this time																						
SUBTOTAL																						
Downtown																						
Sidewalks																						
232 100 Block of Abbot		150,000																				
233 300 Block of E. Grand River Ave.				150,000																		150,000
234 400 Block of E. Grand River Ave.						150,000																150,000
235 100/200 Block M.A.C. Ave.			100,000																			100,000
236 500 Block of E. Grand River Ave.						150,000																150,000
Bike Loops																						
237 400 Block of E. Grand River Ave.																						
238 500 Block of E. Grand River Ave.																						
Landscaping																						
239 400 Block of E. Grand River Ave.				5,500																		5,500
240 500 Block of E. Grand River Ave.					5,500																	5,500
241 300 Block of E. Grand River Ave.			5,500																			5,500
Refuse & Recycling Systems																						
242 100/200 Block E. Grand River Ave.	3,000					26,300																29,300
243 300 Block of E. Grand River Ave.				13,146																		13,146
244 400 Block of E. Grand River Ave.	5,000			13,146																		18,146
245 500 Block of E. Grand River Ave.	1,500		13,146																			14,646
Newspaper Rack Enclosures																						
246 300 Block of E. Grand River Ave.																						
247 400 Block of E. Grand River Ave.																						
248 500 Block of E. Grand River Ave.																						
249 600 Block of E. Grand River Ave.																						
250 100/200 Block of E. Grand River Ave.																						
Street Furniture																						
251 300 Block of E. Grand River Ave.																						
252 400 Block of E. Grand River Ave.																						
253 500 Block of E. Grand River Ave.																						
254 600 Block of E. Grand River Ave.																						
255 100/200 Block of E. Grand River Ave.																						
Amenities/Planters																						
256 400 Block of E. Grand River Ave.				2,400																		2,400
257 500 Block of E. Grand River Ave.					2,400																	2,400

Capital Improvement Item	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 Proposed	2028 Proposed	Income Tax (IT)	General Fund (GF)	Street Fund (SF)	Parking Fund (PF)	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)	ARPA	Donation, Grant or Other (DON)	Bond (B)	
Tobacco/Ash Urns																							
258 400 Block of E. Grand River Ave.																							
259 500 Block of E. Grand River Ave.																							
Signage																							
260 Wayfinding Signs	4,000																		4,000				
SUBTOTAL	13,500	150,000	118,646	184,192	184,200	150,000													800,538				
Parking																							
261 Parking facilities restoration projects	1,050,000		250,000							950,000											350,000		
262 Charles Garage Elevator Modernization		800,000								100,000											700,000		
SUBTOTAL	1,050,000	800,000	250,000	0	0	0	0	0	0	1,050,000	0	0	0	0	0	0	0	0	0	1,050,000	0	0	
TOTAL	53,182,132	14,181,036	48,006,927	7,235,157	31,286,346	9,120,256	285,000	9,438,500	9,843,133	1,050,000	13,557,819	23,502,758	702,000	0	0	1,700,000	82,830,560	8,130,046	800,538	9,051,500	2,120,000	0	

Table 2
Schedule of Bonded Indebtedness
FY2022 - FY2028
 Rev. 02/28/2022

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

BOND PROJECT	Year Issued	Amount of Issue	Type of Debt	Funding Source	Current FY2022	Future Years						Future Six-Year Total
						FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	
Capital Improvements (refinanced 2016)	2008	795,000	GOLTD	General	57,700	61,200	24,000	23,200	22,400	21,600	20,800	173,200
Avondale Square (refinanced 2018)	2010	2,365,000	GOLTD	Gen/CIP	182,411	182,210	182,645	177,873	178,100	173,120	178,140	1,072,088
SUBTOTAL GENERAL DEBT SERVICE					240,111	243,410	206,645	201,073	200,500	194,720	198,940	1,245,288
DDA Refinancing Bonds - City Center	2015	2,850,000	GOLTD	DDA	340,339	352,805	354,128	324,513	-	-	-	1,031,446
Michigan Transportation Bonds	2009	1,540,000	GOLTD	Streets	137,250	136,730	135,980	-	-	-	-	272,710
ENTERPRISE FUND DEBT												
City Center/New Ramp (refinanced 2005 and 2015)	2000	12,500,000	LTD. TAX	Parking	830,400	827,000	827,600	832,000	-	-	-	2,486,600
Stonehouse Village III/Lot 11 Series A (refinanced 2016)	2007	2,160,000	LTD. TAX	Parking	125,125	123,325	125,925	128,325	130,525	132,525	134,325	774,950
Stonehouse Village III Series B (refinanced 2016)	2007	1,550,000	LTD. TAX	Parking	96,646	96,528	102,736	106,775	107,304	110,861	102,729	626,933
Series A Parking Improvements (refinanced 2021)	2011	2,000,000	LTD. TAX	Parking	132,455	129,679	131,736	133,565	132,308	130,936	132,308	790,532
MAC Garage Rehab	2016	5,960,000	LTD. TAX	Parking	362,820	364,153	365,137	360,756	361,151	361,005	365,292	2,177,494
PARCS Installment Purchase Contract	2016	1,430,000	Installment Loan	Parking	219,275	215,600	216,881	-	-	-	-	432,481
SUBTOTAL PARKING DEBT					1,766,721	1,756,285	1,770,015	1,561,421	731,288	735,327	734,654	7,288,990
Public Service Garage (refinanced 2012 & 2021)	2003	6,860,000	LTD. TAX	Garage	370,720	376,072	373,047	365,194	366,132	357,603	353,458	2,191,506
Public Service Garage (refinanced 2014)	2004	2,500,000	LTD. TAX	Garage	170,961	177,200	173,174	174,148	-	-	-	524,522
SUBTOTAL GARAGE DEBT					541,681	553,272	546,221	539,342	366,132	357,603	353,458	2,716,028
Series A Water Improvements (refinanced 2021)	2011	1,500,000	LTD. TAX	Water	99,353	97,271	98,814	100,185	99,242	98,214	99,242	592,968
Coleman Road Deferred SA (refinanced 2016)	2007	600,000	LTD. TAX	Water/Sewer	63,558	71,056	71,801	74,259	69,737	71,865	-	358,718
Albert Street Sewer Improvements (refinanced 2021)	2012	1,370,000	LTD. TAX	Sewer	86,327	87,778	86,403	94,456	98,118	100,447	107,992	575,194
2013 Relief Sanitary Sewer Installation	2013	2,935,000	LTD. TAX	Sewer	167,389	169,739	167,039	169,289	171,439	168,539	170,589	1,016,634
2015 SRF Loan WRRF Improvements	2015	15,000,000	REV	Sewer	962,875	961,250	964,250	961,750	963,875	960,500	961,750	5,773,375
2017 SRF Loan WRRF Improvements ***	2017	29,500,000	REV	Sewer	1,845,870	1,844,494	1,843,119	1,845,931	1,847,869	1,843,994	1,844,306	11,069,713
2019 SRF Loan WRRF Improvements ***	2019	49,624,258	REV	Sewer	2,925,297	2,932,258	2,930,257	2,932,408	2,933,658	2,934,008	2,933,458	17,596,047
CSO Phase III	2004	9,605,000	REV	Sewer	555,493	554,656	553,606	552,343	554,477	-	-	2,215,082
SUBTOTAL WATER AND SEWER					6,706,162	6,718,502	6,715,289	6,730,621	6,738,415	6,177,567	6,117,337	39,197,731
TOTAL DEBT SERVICE/ALL FUNDS					\$ 9,732,264	\$ 9,761,004	\$ 9,728,278	\$ 9,356,970	\$ 8,036,335	\$ 7,465,217	\$ 7,404,389	\$ 51,752,193

Total Bonded Indebtedness as of June 30, 2021 was \$109.4 million (principal outstanding)

*** - loans are in drawdown status, amounts shown represent balance drawn as of 02/01/2022