

**City of East Lansing**

**Capital Improvements Program**

**2021-2027**

**Adopted: May 25, 2021**

# **City of East Lansing**

## **Capital Improvements Program**

### **2021-2027**

Mayor Aaron Stephens

Mayor Pro Tem Jessy Gregg  
Councilmember Lisa Babcock  
Councilmember Ron Bacon  
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 2021-2027.

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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## **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 2020-2021 Block Grant allocation to the City is \$488,344. The East Lansing City Council approved CDBG projects as part of the Fiscal Year 21 budget. The estimated budget for Fiscal Year 2021 is also \$492,005.

## **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 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 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 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 planned to start construction in FY2022, that 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. 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**

Throughout fiscal year 2021 and fiscal year 2022, the library will have roof portion B replaced; the HVAC replaced; the south ramp, sidewalk and stairs in front of the library will be regraded and redone; the electric throughout the building will be updated; and the circle drive of the parking lot will be resurfaced and the curve will be reduced by 25%. Library fund balance will be used for these repairs and upgrades. In FY2022, phase one of the children's garden will begin. Funds for the children's garden will come from fundraising efforts and donations.

## **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.

**2021-2027**

**Capital Improvements Program**

**APPENDIX**



Capital Improvement Item	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 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)	Donation, Grant or Other (DON)	Bond (B)
<b>Municipal/Public Facilities</b>																					
City Hall																					
Electrical Systems																					
1		100,500						100,500													
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						35,000		35,000													
8						75,000		75,000													
9						17,000		17,000													
Plumbing Systems																					
10			12,500					12,500													
11			17,500					17,500													
12				8,500				8,500													
13				3,500				3,500													
Mechanical Systems																					
14		121,000						121,000													
15				126,000				126,000													
16		16,500	150,000					165,000													
18					187,000			187,000													
19						256,000		256,000													
20						37,500		37,500													
21				7,500				7,500													
22					23,000			23,000													
Other																					
23			30,000					30,000													
24				20,000				20,000													
25						36,000		36,000													
26						156,000		156,000													
27						174,000		174,000													
28						20,000		20,000													
29						20,000		20,000													
30						35,000		35,000													
31				25,000				25,000													
32				25,000				25,000													
33					110,000			110,000													
34		10,000						10,000													
35			10,000					10,000													
36				30,000				30,000													
Technology																					
37	120,000							120,000													
<b>SUBTOTAL</b>																					
	<b>120,000</b>	<b>248,000</b>	<b>307,500</b>	<b>260,500</b>	<b>330,000</b>	<b>861,500</b>		<b>2,006,000</b>													
Library																					
38	230,500												230,500								
39	30,000												30,000								
40	85,500												85,500								

Capital Improvement Item		2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 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)	Donation, Grant or Other (DON)	Bond (B)	
41	Replace Outside sign (either digital or not)	20,000												20,000									
42	Interactive Children's Garden (partially funded by donations)	70,000												70,000									
43	Photovoltaics (roof solar panels)		230,000											230,000									
Technology																							
44	Meeting room: Upgrade technology to include Network Infrastructure, projector, screen, sound system, microphones		100,000											100,000									
45	Update Wireless Access points			40,000										40,000									
46	Self checkout stations				60,000									60,000									
<b>SUBTOTAL</b>		<b>436,000</b>	<b>330,000</b>	<b>40,000</b>	<b>60,000</b>									<b>866,000</b>									
Fire Station																							
47	Exterior lighting replacement				10,000				10,000														
48	Remote door lock		10,000						10,000														
49	Energy management system				65,000				65,000														
50	Resurface Driveway			75,000					75,000														
51	Resurface Back Parking Lot			125,000					125,000														
52	Replace Concrete Apron		50,000						50,000														
53	Carport for Fire Vehicles				100,000				100,000														
54	Interior renovation including kitchen and administration area		150,000						150,000														
<b>SUBTOTAL</b>		<b>0</b>	<b>60,000</b>	<b>200,000</b>	<b>175,000</b>				<b>435,000</b>														
Hannah Community Center																							
55	Boiler Replacement		20,000	180,000					200,000														
56	Swim pool south elevation façade evaluation	30,000	30,000						60,000														
57	Theater sound and lighting upgrades Ph II	45,000	45,000					50,000													40,000		
58	Modernize service elevator				75,000				75,000														
59	Upgrade swim pool ductwork			35,000					35,000														
60	Hannah interior improvements			100,000	100,000	100,000	100,000		400,000														
61	Replace rear service entry pavement			100,000					100,000														
62	Replace energy management system	10,000	90,000						100,000														
63	Renovate restrooms				100,000				100,000														
64	Swimming pool renovations					200,000			200,000														
65	3rd floor - construct 2nd egress point & renovate						1,150,000		1,150,000														
66	Canopy over front entrance doors			45,000					45,000														
67	Replace front entrance doors			30,000					30,000														
68	Whole building generator						200,000		200,000														
69	Replace pool water recirculation pump		20,000						20,000														
70	Construct parking lot on s. side of building					150,000			150,000														
71	Replace emergency generator				40,000				40,000														
<b>SUBTOTAL</b>		<b>85,000</b>	<b>205,000</b>	<b>490,000</b>	<b>315,000</b>	<b>450,000</b>	<b>1,450,000</b>	<b>50,000</b>	<b>2,905,000</b>													<b>40,000</b>	
Valley Court Community Center																							
72	Replace fascia, soffit, gutters, and downspouts	10,000							10,000														
73	Replace wood guardrail with steel assembly				10,000				10,000														
74	Rebuild retaining wall and add drainage		15,000						15,000														
75	Masonry repairs	5,000							5,000														
76	Replace/repair doors and windows						12,000		12,000														
77	Upgrade interior finishes (flooring, ceilings, etc.)							140,000	140,000														
78	Roof replacement			50,000					50,000														
79	HVAC replacement						25,000		25,000														
80	Replace exhaust fan #2						5,000		5,000														

Capital Improvement Item	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 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)	Donation, Grant or Other (DON)	Bond (B)	
81 Replace 5-ton, exterior condensing unit					15,000			15,000														
82 Replace furnace #3 and 2-ton condensing unit					18,000			18,000														
83 Replace furnace #4, 1.5-ton cond unit & Exhaust fan #1					20,000			20,000														
84 Replace hot water heater					8,000			8,000														
85 Replace condensate pump & furnaces #1 & 2					15,000			15,000														
<b>SUBTOTAL</b>	<b>15,000</b>	<b>15,000</b>	<b>50,000</b>	<b>10,000</b>	<b>118,000</b>	<b>140,000</b>		<b>348,000</b>														
<b>Valley Court Stage Building (Former Board)</b>																						
86 Roof, eves, soffit replacement			65,000					65,000														
<b>SUBTOTAL</b>			<b>65,000</b>					<b>65,000</b>														
<b>Orchard Street Pump House</b>																						
87 Replace east entry door and side lights	10,000							10,000														
<b>SUBTOTAL</b>	<b>10,000</b>							<b>10,000</b>														
<b>Aquatic Center</b>																						
88 Replace liner and remove pools & falls	135,000						135,000															
89 Resurface parking lot			100,000				100,000															
90 Replace shower stalls			25,000					25,000														
91 Replace awnings			10,000	10,000	10,000			30,000														
92 Repair entry drive and replace gate				200,000				200,000														
93 Fence replacement program				15,000	15,000	20,000		50,000														
94 Landscaping (complete replacement)	25,000						25,000															
95 Replace funbrellas			10,000	10,000	10,000	10,000		40,000														
96 Natural area management						25,000		25,000														
97 Refurbish slides & repaint slide towers	50,000						50,000															
98 Renovate RRs/bathhouse facility					150,000			150,000														
99 Replace entry sign			10,000					10,000														
100 Re-roof Buildings						150,000		150,000														
101 Dewatering system				100,000				100,000														
<b>SUBTOTAL</b>	<b>210,000</b>		<b>155,000</b>	<b>335,000</b>	<b>185,000</b>	<b>205,000</b>	<b>310,000</b>	<b>780,000</b>														
<b>Softball Complex</b>																						
102 Restroom partition replacement				20,000				20,000														
120 Lake Lansing Rd/Tower Ave. intersection reconstruction	134,850																				134,850	
103 Fence repair/replacement program				15,000	15,000	30,000		60,000														
104 Remove scoreboards				10,000				10,000														
105 Playground						100,000		100,000														
106 Re-roof restroom/concession building						75,000		75,000														
<b>SUBTOTAL</b>				<b>45,000</b>	<b>15,000</b>	<b>205,000</b>		<b>265,000</b>														134,850
<b>Soccer Complex</b>																						
107 Resurface parking lot and entry drives		100,000	50,000				100,000	50,000														
108 Expand parking lots and entry drive				100,000				100,000														
109 Replace scoreboards				30,000				30,000														
110 Drainage - add drain tiles					150,000			150,000														
111 Fence replacement program				15,000	15,000	20,000		50,000														
112 Restroom partition replacement			20,000					20,000														
113 Field-turf two of the north fields				2,000,000				2,000,000														
114 Re-roof concession/team buildings						75,000		75,000														
<b>SUBTOTAL</b>		<b>100,000</b>	<b>70,000</b>	<b>2,145,000</b>	<b>165,000</b>	<b>95,000</b>	<b>100,000</b>	<b>2,475,000</b>														
<b>Park Improvements</b>																						
Abbey Park																						
115 Natural areas management						20,000		20,000														
Abbot Road Park																						

Capital Improvement Item	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 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)	Donation, Grant or Other (DON)	Bond (B)	
116 Replace bollards, wood signs, trash can, kiosk			10,000					10,000														
117 Nature trail improvements				30,000				30,000														
118 Natural areas management						35,000		35,000														
119 Pave entry drive and parking lot					200,000			200,000														
Albert A. White Park																						
120 Lake Lansing Rd/Tower Ave. intersection reconstruction	134,850																				134,850	
122 Seal parking lots		20,000						20,000														
Avondale Park																						
123 Tot lot						45,000		45,000														
124 Improvements to items such as walkways, benches, picnic tables, signage, etc.						35,000		35,000														
Bailey Park																						
Burcham Park																						
125 Community solar project park improvements				50,000				50,000														
126 Park improvement Plan			10,000					10,000														
127 Natural areas management					30,000			30,000														
Wedge of Honor Memorial Veterans Park																						
Dog Park																						
128 Fob entry system				20,000				20,000														
129 Construct ADA pathway from Northern Tier Trail				15,000				15,000														
130 Install park lighting						20,000		20,000														
131 Improvements to items such as walkways, benches, picnic tables, signage, etc.						50,000		50,000														
Ehinger Park																						
132 Playground						100,000		100,000														
133 Improvements to items such as walkways, benches, picnic tables, signage, etc.						35,000		35,000														
Emerson Park Access from Neighborhood																						
134 Acquire easement for pedestrian access into park				30,000				30,000														
135 Playground					100,000			100,000														
136 Repave Emerson parking lot				8,000				8,000														
137 Improvements to items such as walkways, benches, picnic tables, signage, etc.						35,000		35,000														
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																						
140 Fence repair				75,000				75,000														
141 Playground						100,000		100,000														
142 Improvements to items such as walkways, benches, picnic tables, signage, etc.				35,000				35,000														
Harrison Meadows Park																						
143 Playground					100,000			100,000														
144 Natural areas management						45,000		45,000														
145 Resurface basketball court				20,000				20,000														
146 Resurface parking lot				25,000				25,000														
147 Improvements to items such as walkways, benches, picnic tables, signage, etc.						35,000		35,000														
Harrison Road Park																						
148 Finish walkway				10,000				10,000														
Hawk Nest Park																						
149 Natural areas management						20,000		20,000														
150 Playground						100,000		100,000														
151 Improvements to items such as walkways, benches, picnic tables, signage, etc.				35,000				35,000														

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<b>Henry Fine Park</b>																					
152			25,000					25,000													
153				300,000				300,000													
154						20,000		20,000													
155				35,000				35,000													
<b>Hidden River Park</b>																					
156				75,000				75,000													
157				35,000				35,000													
<b>Northern Tier Trail</b>																					
158	224,950																			224,950	
159	288,850																			288,850	
160					600,000											300,000				300,000	
161				600,000				100,000								300,000				200,000	
162			400,000					100,000								300,000					
163						750,000		100,000								300,000				350,000	
<b>John M. Patriarche Park</b>																					
164			225,000				75,000									150,000					
165	140,125															140,125					
166				10,000				10,000													
167	250,000	300,000					250,000									300,000					
168						15,000		15,000													
169	50,000	100,000					150,000														
170				20,000				20,000													
171				20,000				20,000													
172			250,000	250,000	250,000			750,000													
<b>Robert Shaw Park</b>																					
173					100,000			100,000													
174						35,000		35,000													
<b>Shaw Water Tower Park (Gordon Guyer Park)</b>																					
175				100,000				100,000													
176					35,000			35,000													
<b>Stoddard Park</b>																					
177				75,000				75,000													
178					35,000			35,000													
<b>Tamarisk Park</b>																					
179				20,000				20,000													
180					100,000			100,000													
181						35,000		35,000													
<b>Valley Court Park</b>																					
182				30,000				30,000													
183					50,000			50,000													
184						35,000		35,000													
<b>Wolf Court Park</b>																					
185						100,000		100,000													

Capital Improvement Item	2022 Proposed	2023 Proposed	2024 Proposed	2025 Proposed	2026 Proposed	2027 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)	Donation, Grant or Other (DON)	Bond (B)	
186 Improvements to items such as walkways, benches, picnic tables, signage, etc.						35,000		35,000														
<b>SUBTOTAL</b>	<b>1,088,775</b>	<b>420,000</b>	<b>920,000</b>	<b>2,023,000</b>	<b>1,635,000</b>	<b>1,700,000</b>	<b>475,000</b>	<b>4,023,000</b>								<b>1,790,125</b>					<b>1,498,650</b>	
<b>Infrastructure Improvement Projects</b>																						
<b>Major Street Improvements</b>																						
187 Signal Capital Improvements	65,000	65,000	65,000	65,000	65,000	65,000			390,000													
188 Abbot Crush and Shape-Saginaw to Lake Lansing (STP)	40,000								40,000													
189 Harrison- Michigan to 400' South		240,000							240,000													
190 Albert Corridor Signal Optimization	146,250								36,250									110,000				
191 Burcham: Mill and Fill-Abbot to Park Lake (STP)	1,191,424								252,866										938,558			
192 Coolidge: Mill and Fill-Coleman to State	444,762								444,762													
193 Coolidge: Mill and Fill-Saginaw to Lake Lansing		1,256,746							365,415										891,331			
194 Hagadorn: Pavement Rehabilitation-Grand River to Burcham, midblock crossing, ADA upgrades (STP)			1,711,053						449,211		45,000	100,000							1,116,842			
195 Haslett: Pavement Rehabilitation-Saginaw to Park Lake, midblock crossing, ADA upgrades (STP)				603,225					458,225		45,000	100,000										
196 Albert: Pavement Rehabilitation-MAC to Hagadorn, midblock crossing, ADA upgrades (STP)					1,756,127				458,225		45,000	100,000							1,152,901			
197 Lake Lansing Rehabilitation - Coolidge to 127 (STP)						1,300,000			260,000										1,040,000			
<b>SUBTOTAL</b>	<b>1,887,436</b>	<b>1,561,746</b>	<b>1,776,053</b>	<b>668,225</b>	<b>1,821,127</b>	<b>1,365,000</b>			<b>3,394,954</b>		<b>135,000</b>	<b>300,000</b>							<b>5,249,633</b>			
<b>Infrastructure Improvement Projects</b>																						
<b>Local Street Improvements</b>																						
198 Melrose: Crush and Shape and Replace Water-Hagadorn to Timberlane	764,113								179,157		548,566	36,390										
199 Berkshire and King: Crush and Shape and Replace Water	269,683								63,232		193,611	12,840										
200 Stoddard: Crush and Shape and replace water-Grand River to Burcham	1,123,691								263,467		806,714	53,510										
201 White Hills: Crush and shape and replace water	1,721,990								394,393		1,207,597	120,000										
202 Oakwood and East Glencairn Ph 2		1,789,715							361,828		1,107,887	320,000										
203 West Road: Crush and shape- Abbey to Lake Lansing	330,000								330,000													
204 Red Cedar Neighborhood Water Loop and Street Improvements: Marigold, Lilac, Daisy, Ivanhoe, Arbor, Tanager, Scott, Rowena, Rebecca, Narcissus, Sever		700,000	2,528,424						1,799,542		1,068,882	360,000										
205 East Glencairn Ph 3				2,922,146					569,221		1,742,907	610,018										
206 North Walnut Heights Pavement Improvement: Ridgewood Dr, Roby St, Parkvale Ave, S. Ferndale Ave, N. Woodside Dr			593,840						593,840													
207 East Glencairn Ph 4					980,000				360,000		360,000	260,000										
208 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										
209 Northern Hill Pavement Improvements and ADA Ramp Construction: Marfitt Rd, Audubon Way, Hornington Ln				835,700					835,700													
210 Bailey Neighborhood Infrastructure						2,895,756			614,426		1,881,330	400,000										
<b>SUBTOTAL</b>	<b>4,209,477</b>	<b>2,489,715</b>	<b>3,122,264</b>	<b>3,757,846</b>	<b>2,777,965</b>	<b>2,895,756</b>			<b>6,797,446</b>		<b>10,132,819</b>	<b>2,322,758</b>										

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Sidewalks																					
211 Hazardous Sidewalk Program is included in each Local Street, Major Street and Neighborhood project under General Fund Cost	50,000	50,000	50,000	50,000	50,000	100,000		350,000													
212 Burcham Road Sidewalk Gap Closure-TAP	101,254								18,226									83,028			
213 Haslett Sidewalk Gap Closure-TAP	164,000								45,718									118,282			
214 Merritt Road Sidewalk Gap Closure-TAP		178,000							32,040									145,960			
215 Safe Routes to School	200,000	440,000	440,000	220,000														1,300,000			
216 CDBG - sidewalk and ADA improvements	100,000	100,000	100,000	100,000	100,000	100,000											600,000				
<b>SUBTOTAL</b>	<b>615,254</b>	<b>768,000</b>	<b>590,000</b>	<b>370,000</b>	<b>150,000</b>	<b>200,000</b>		<b>350,000</b>	<b>95,984</b>								<b>600,000</b>	<b>1,647,270</b>			
<b>Utilities</b>																					
Water																					
217 Radio Meter Read Conversion Pilot	200,000		2,300,000								400,000						2,100,000				
218 Burcham Valve Repairs	30,000										30,000										
219 Lead and Copper Rule Compliance-Lead component removal	325,000	325,000	325,000	325,000	325,000	325,000					1,950,000										
220 Water Main Lining - Pilot	160,000										160,000										
221 Water Tower- 500,000 Gallon (Size to be finalized with reliability study)			2,600,000								400,000						2,200,000				
222 Abbey Road Wet Interior Coating				115,000							115,000										
Sewer																					
223 SRF Michigan/Harrison																					
224 SRF Woodingham pump station, emergency generator, 2% interest (44%- Meridian Township)																	0				
225 SRF - Wilmarth Sewer Outfall Removal			200,000	3,200,000								400,000					3,000,000				
226 Sewer Capacity Improvements						900,000						900,000									
227 Regulator Performance Improvement (Beal, Sunset, Center)		500,000									150,000	350,000									
<b>SUBTOTAL</b>	<b>1,315,000</b>	<b>1,025,000</b>	<b>5,625,000</b>	<b>3,840,000</b>	<b>525,000</b>	<b>1,425,000</b>					<b>3,205,000</b>	<b>3,250,000</b>					<b>7,300,000</b>				
<b>Water Resource Recovery Facility</b>																					
228 SRF- Bio-solids and solids handling, digester, and emergency power, 2% interest (40%-MSU, 33%- Meridian Township)	400,000																400,000				
229 SRF- Aeration, primary clarifiers, construction new secondary clarifiers, improve north plant secondary clarifiers, gates, valves and piping) 2% interest (40%-MSU, 33%- Meridian Township)	18,000,000	16,000,000										2,200,000					31,800,000				
230 SRF- Admin Building Renewal and Solar 2% interest (40%-MSU, 33%- Meridian Township)			500,000	6,000,000								500,000					6,000,000				
231 WRRF Facility and Process Upgrades (40%-MSU, 33%- Meridian Township)	300,000	200,000	200,000	200,000	350,000	350,000						1,600,000									
232 CSO Facility Repairs																					
233 Coleman Road Pump Station Design, Emergency Power and Controls Improvements	80,000	280,000										360,000									
<b>SUBTOTAL</b>	<b>18,780,000</b>	<b>16,480,000</b>	<b>700,000</b>	<b>6,200,000</b>	<b>350,000</b>	<b>350,000</b>						<b>4,660,000</b>					<b>38,200,000</b>				
<b>Public Works Facility</b>																					
234 Solar Field	200,000								70,000		50,000	60,000			20,000						
<b>SUBTOTAL</b>	<b>200,000</b>								<b>70,000</b>		<b>50,000</b>	<b>60,000</b>			<b>20,000</b>						

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<b>IT Projects</b>																					
235	No Projects at this time																				
<b>SUBTOTAL</b>																					
<b>Downtown</b>																					
<b>Sidewalks</b>																					
236		150,000																		150,000	
237				150,000																150,000	
238					150,000															150,000	
239			100,000																	100,000	
240						150,000														150,000	
<b>Bike Loops</b>																					
241																					
242																					
<b>Landscaping</b>																					
243					5,500															5,500	
244						5,500														5,500	
245				5,500																5,500	
<b>Refuse &amp; Recycling Systems</b>																					
246						26,300														26,300	
247					13,146															13,146	
248					13,146															13,146	
249				13,146																13,146	
<b>Newspaper Rack Enclosures</b>																					
250	1,250																			1,250	
251	1,250																			1,250	
252	1,250																			1,250	
253	1,250																			1,250	
254	1,250																			1,250	
<b>Street Furniture</b>																					
255																					
256																					
257																					
258																					
259																					
<b>Amenities/Planters</b>																					
260					2,400															2,400	
261						2,400														2,400	
<b>Tobacco/Ash Urns</b>																					
262																					
263																					
<b>Signage</b>																					
264																					
<b>SUBTOTAL</b>																					
	6,250	150,000	100,000	168,646	184,192	184,200														793,288	
<b>Parking</b>																					
265	250,000	250,000		250,000						750,000											
<b>SUBTOTAL</b>																					
	250,000	250,000		250,000						750,000											
<b>TOTAL</b>																					
	10,448,192	7,622,461	13,510,817	14,423,217	8,356,284	10,726,456	935,000	13,662,000	10,358,384	750,000	13,522,819	5,932,758	866,000	0	20,000	1,790,125	7,900,000	6,896,903	793,288	1,673,500	0



**Table 2**  
**Schedule of Bonded Indebtedness**  
**FY2021 - FY2027**  
 Rev. 02/11/2021

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

<b>BOND PROJECT</b>	<b>Year Issued</b>	<b>Amount of Issue</b>	<b>Type of Debt</b>	<b>Funding Source</b>	<b>Current FY2021</b>	<b>Future Years</b>						<b>Future Six-Year Total</b>
						<b>FY2022</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	
Capital Improvements (refinanced 2016)	2008	795,000	GOLTD	General	54,050	57,700	61,200	24,000	23,200	22,400	21,600	210,100
Avondale Square (refinanced 2018)	2010	2,365,000	GOLTD	Gen/CIP	181,816	181,568	182,210	182,645	177,873	178,100	173,120	1,075,516
<b>SUBTOTAL GENERAL DEBT SERVICE</b>					235,866	239,268	243,410	206,645	201,073	200,500	194,720	1,285,616
Section 108 Loan (FY20 includes additional payments)	2006	1,500,000	GOLTD	HUD-CDBG	228,812	-	-	-	-	-	-	-
DDA Refinancing Bonds - City Center	2015	2,850,000	GOLTD	DDA	331,719	340,339	352,805	354,128	324,513	-	-	1,371,785
Michigan Transportation Bonds	2009	1,540,000	GOLTD	Streets	137,540	137,250	136,730	135,980	-	-	-	409,960
<b>ENTERPRISE FUND DEBT</b>												
City Center/New Ramp (refinanced 2005 and 2015)	2000	12,500,000	LTD. TAX	Parking	827,600	830,400	827,000	827,600	832,000	-	-	3,317,000
Stonehouse Village III/Lot 11 Series A (refinanced 2016)	2007	2,160,000	LTD. TAX	Parking	121,775	125,125	123,325	125,925	128,325	130,525	132,525	765,750
Stonehouse Village III Series B (refinanced 2016)	2007	1,550,000	LTD. TAX	Parking	95,162	96,646	96,528	102,736	106,775	107,304	110,861	620,850
2011 Bonds Series A Parking Improvements	2011	2,000,000	LTD. TAX	Parking	157,519	156,491	155,148	156,542	157,506	155,364	155,689	936,740
MAC Garage Rehab	2016	5,960,000	LTD. TAX	Parking	361,088	362,820	364,152	365,137	360,757	361,151	361,005	2,175,022
PARCS Installment Purchase Contract	2016	1,430,000	Installment Loan	Parking	217,906	219,275	215,600	216,881	-	-	-	651,756
<b>SUBTOTAL PARKING DEBT</b>					1,781,050	1,790,757	1,781,753	1,794,821	1,585,363	754,344	760,080	8,467,118
Public Service Garage (refinanced 2012)	2003	6,860,000	LTD. TAX	Garage	387,825	388,375	388,625	390,250	386,625	392,875	388,750	2,335,500
Public Service Garage (refinanced 2014)	2004	2,500,000	LTD. TAX	Garage	174,680	170,982	177,200	173,174	174,148	-	-	695,504
<b>SUBTOTAL GARAGE DEBT</b>					562,505	559,357	565,825	563,424	560,773	392,875	388,750	3,031,004
2011 Bonds Series A Water Improvements	2011	1,500,000	LTD. TAX	Water	118,153	117,382	116,375	117,420	118,144	116,536	116,781	702,638
Coleman Road Deferred SA (refinanced 2016)	2007	600,000	LTD. TAX	Water/Sewer	62,342	63,559	71,056	71,802	74,258	69,737	71,865	422,277
Albert Street Sewer Improvements	2012	1,370,000	LTD. TAX	Sewer	90,225	88,275	91,325	89,575	92,825	90,950	89,075	542,025
2013 Relief Sanitary Sewer Installation	2013	2,935,000	LTD. TAX	Sewer	169,989	167,389	169,739	167,039	169,289	171,439	168,539	1,013,434
2015 SRF Loan WRRF Improvements	2015	15,000,000	REV	Sewer	964,125	962,875	961,250	964,250	961,750	963,875	960,500	5,774,500
2017 SRF Loan WRRF Improvements ***	2017	29,500,000	REV	Sewer	1,794,287	1,827,675	1,827,050	1,825,675	1,828,487	1,830,425	1,826,550	10,965,862
2019 SRF Loan WRRF Improvements ***	2019	49,624,258	REV	Sewer	721,779	2,861,983	2,865,833	2,863,833	2,865,983	2,867,233	2,867,583	17,192,448
CSO Phase III	2004	9,605,000	REV	Sewer	551,065	555,493	554,656	553,606	552,343	554,477	-	2,770,575
<b>SUBTOTAL WATER AND SEWER</b>					4,471,965	6,644,631	6,657,284	6,653,200	6,663,079	6,664,672	6,100,893	39,383,759
<b>TOTAL DEBT SERVICE/ALL FUNDS</b>					<b>\$ 7,749,457</b>	<b>\$ 9,711,602</b>	<b>\$ 9,737,807</b>	<b>\$ 9,708,198</b>	<b>\$ 9,334,801</b>	<b>\$ 8,012,391</b>	<b>\$ 7,444,443</b>	<b>\$ 53,949,242</b>

Total Bonded Indebtedness as of June 30, 2020 was \$95.9 million (principal outstanding)

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