


City, Village, and Township Revenue Sharing/County Incentive Program Certification of Accountability and Transparency

Issued under authority of 2015 Public Act 84. Filing is mandatory to qualify for payments.

Each city/village/township/county applying for City, Village, and Township Revenue Sharing or County Incentive Program payments must:

1. Certify to the Michigan Department of Treasury (Treasury) that the local unit listed below has produced and made available to the public, a Citizen's Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report as required by 2015 Public Act 84. The Citizen's Guide, Performance Dashboard, Debt Service Report, and Projected Budget Report shall be made available for public viewing in the clerk's office or posted on a publicly accessible Internet site. The local unit must include in any mailing of general information to its citizens, the physical location or Internet website address where all the documents are available for viewing.
2. Submit to Treasury a Citizen's Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report.

This certification, along with a Citizen's Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report, **must be received by December 1, 2015**, (or the first day of a payment month) in order to qualify for that month's payment. Postmark dates will not be considered. For questions, call 517-373-2697.

PART 1: LOCAL UNIT INFORMATION			
Local Unit Name City of Lansing		Local Unit County Name Ingham, Eaton, Clinton	
Local Unit Code 332020		Contact E-Mail Address angela.bennett@lansingmi.gov	
Contact Name Angela Bennett	Contact Title Finance Director	Contact Telephone Number (517) 483-4511	Extension
Website Address, if reports are available online www.lansingmi.gov		Current Fiscal Year End Date 06/30/2016	
PART 2: CERTIFICATION			
<p><i>In accordance with 2015 Public Act 84, the undersigned hereby certifies to Treasury that the above mentioned local unit 1) has produced a Citizen's Guide, a Performance Dashboard, a Debt Service Report, and a Projected Budget Report; 2) has made the documents available for public viewing in the city, village, township, or county clerk's office or has posted them on a publicly accessible Internet site; and 3) will include in any mailing of general information to our citizens, the physical location or Internet website address where the documents are located. The Citizen's Guide, Performance Dashboard, Debt Service Report, and Projected Budget Report are attached to this signed certification.</i></p>			
Chief Administrative Officer Signature (as defined in MCL 141.422b) 		Printed Name of Chief Administrative Officer (as defined in MCL 141.422b) Virg Bernero	
Title Mayor		Date 11/22/2015	

Completed and signed form (including required attachments) should be e-mailed to: TreasRevenueSharing@michigan.gov

If you are unable to submit via e-mail, fax to 517-335-3298 or mail the completed form and required attachments to:

Michigan Department of Treasury
Office of Revenue and Tax Analysis
PO Box 30722
Lansing MI 48909

TREASURY USE ONLY		
CVTRS/CIP Eligible Y N	Certification Received	CVTRS/CIP Notes
Final Certification	Citizen's Guide Received	
	Performance Dashboard Received	
	Debt Service Report Received	
	Projected Budget Report Received	



Virg Bernero, Mayor

City of Lansing, Michigan Citizens' Guide to City Finances

This user guide provides an overview of the City's finances and financial position. The guide is divided into four (4) sections:

	<u>Page #</u>
INTRODUCTION	1
SECTION 1: General services supported mainly by tax revenues and grants	3
SECTION 2: User fee-based services funded mainly through user fees and usage rates	7
SECTION 3: City Staffing Levels	12
SECTION 4: Long-Term Obligations (Debt, Pension and Retiree Healthcare Funding)	13

Information in this guide contains the most currently-available information and data. The Guide is updated as new data becomes available.

Additional information on the City's finances are available in the following resources on the City's website, www.lansingmi.gov:

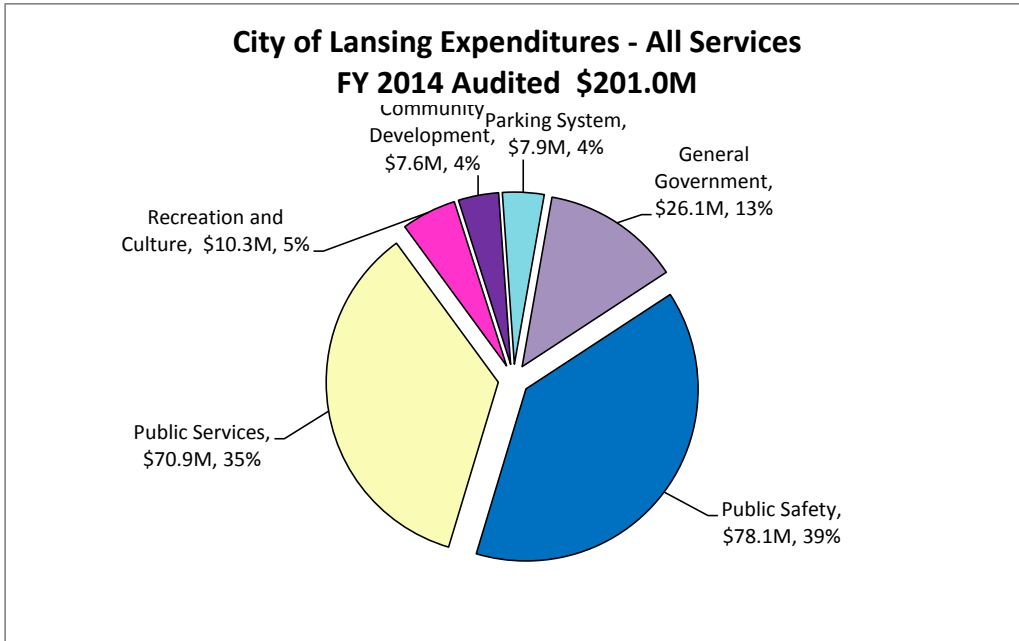
- Financial statements - Comprehensive Annual Financial Report (CAFR) - provides a financial information as of the June 30 each year
- Budget Documents - provides the City's financial and service-level plan for each of the City's fiscal years.
- Citizen Dashboard - provides service-level performance indicators

If you have questions about this guide or need additional financial information, contact the Finance Department at (517) 483-4500.

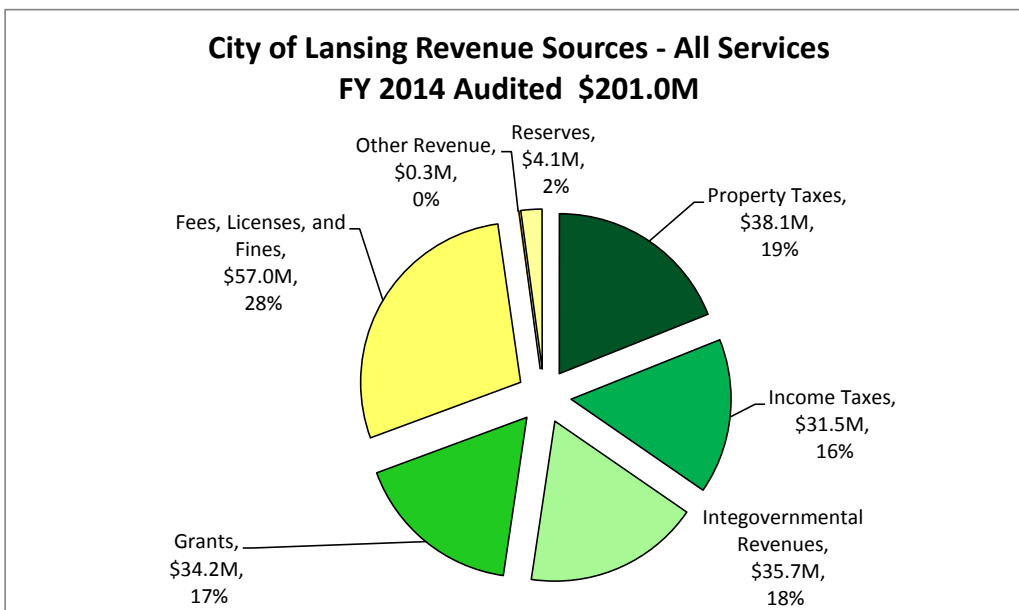
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YOUR GOVERNMENT AT WORK

The City provides a broad array of services, including police and fire protection; sanitary sewers, storm sewers; over 400 miles of roads; 115 parks; a parking system; a District Court; community and neighborhood development; recreational opportunities; and support for human services and cultural events. Of all services, by far the most resources are spent on police and fire protection (public safety).

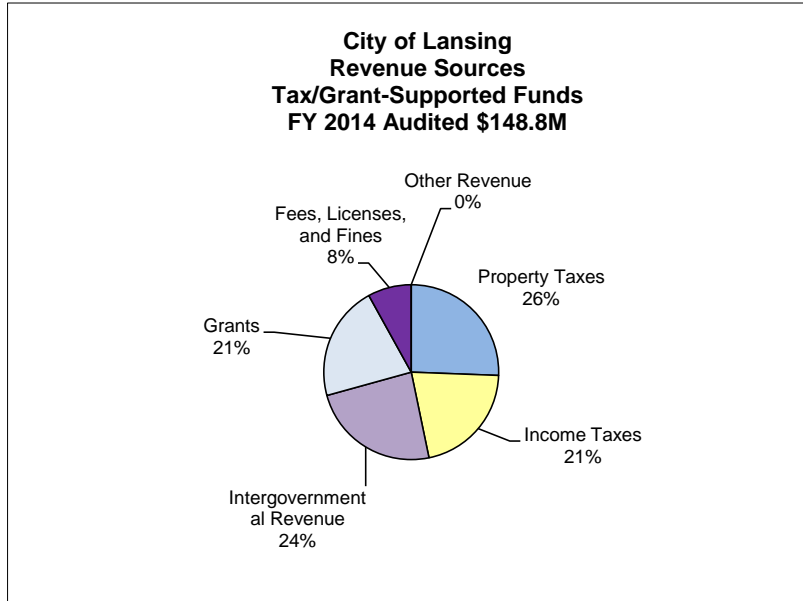


The three largest revenues sources for the City, in total, are taxes (35%), user fees/licenses/finest (28%), and Intergovernmental revenues and grants (35%). While fees make up a significant portion of total revenues, the majority are attributable to the City's sanitary sewer and parking systems, which fund those respective operations.

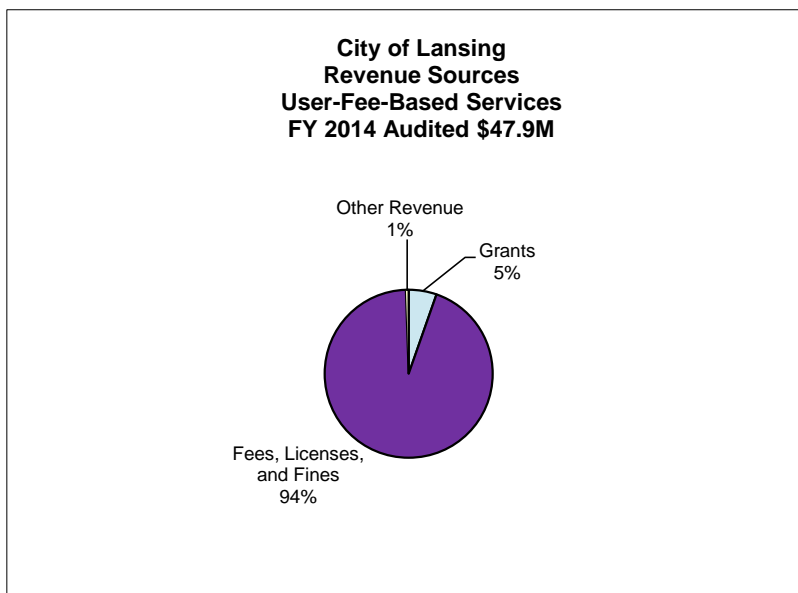


Funding for City services is characterized in two categories:

- General governmental services are supported by tax revenues and grants, with some funding coming from user-based fees. General governmental services include police and fire protection, community development, parks and recreational programs, general government operations such as finance and human resources, and road maintenance.

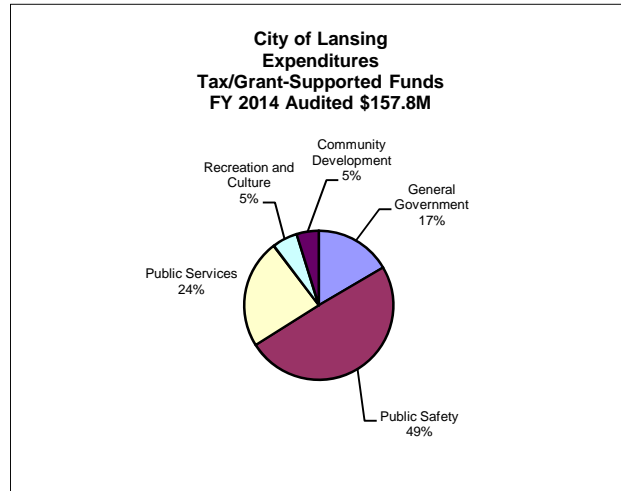
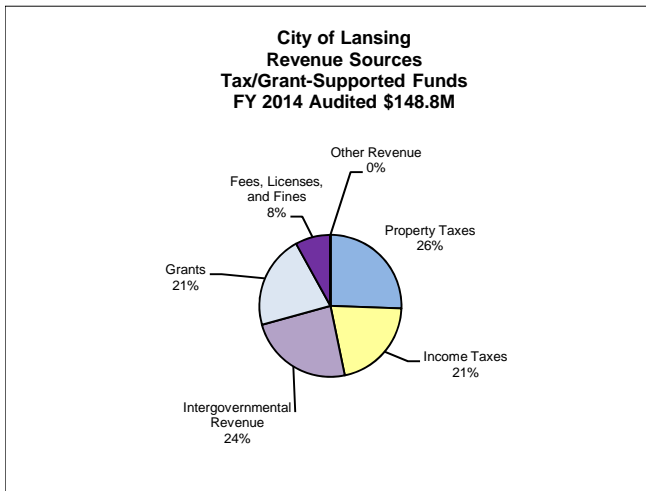


- User fee-based services are funded mainly through user fees and usage rates. The City's sanitary sewer system, parking system, golf operations, and refuse and recycling programs fall into this category.



SECTION 1: General governmental services

(City services supported mainly by tax revenues and grants)



General governmental services includes police and fire protection, parks and recreational activities, community and neighborhood development, storm sewer, sidewalk, and road maintenance and construction, and general government operations such as finance, human resources, and the Mayor's, City Council, City Clerk and City Attorney's offices.

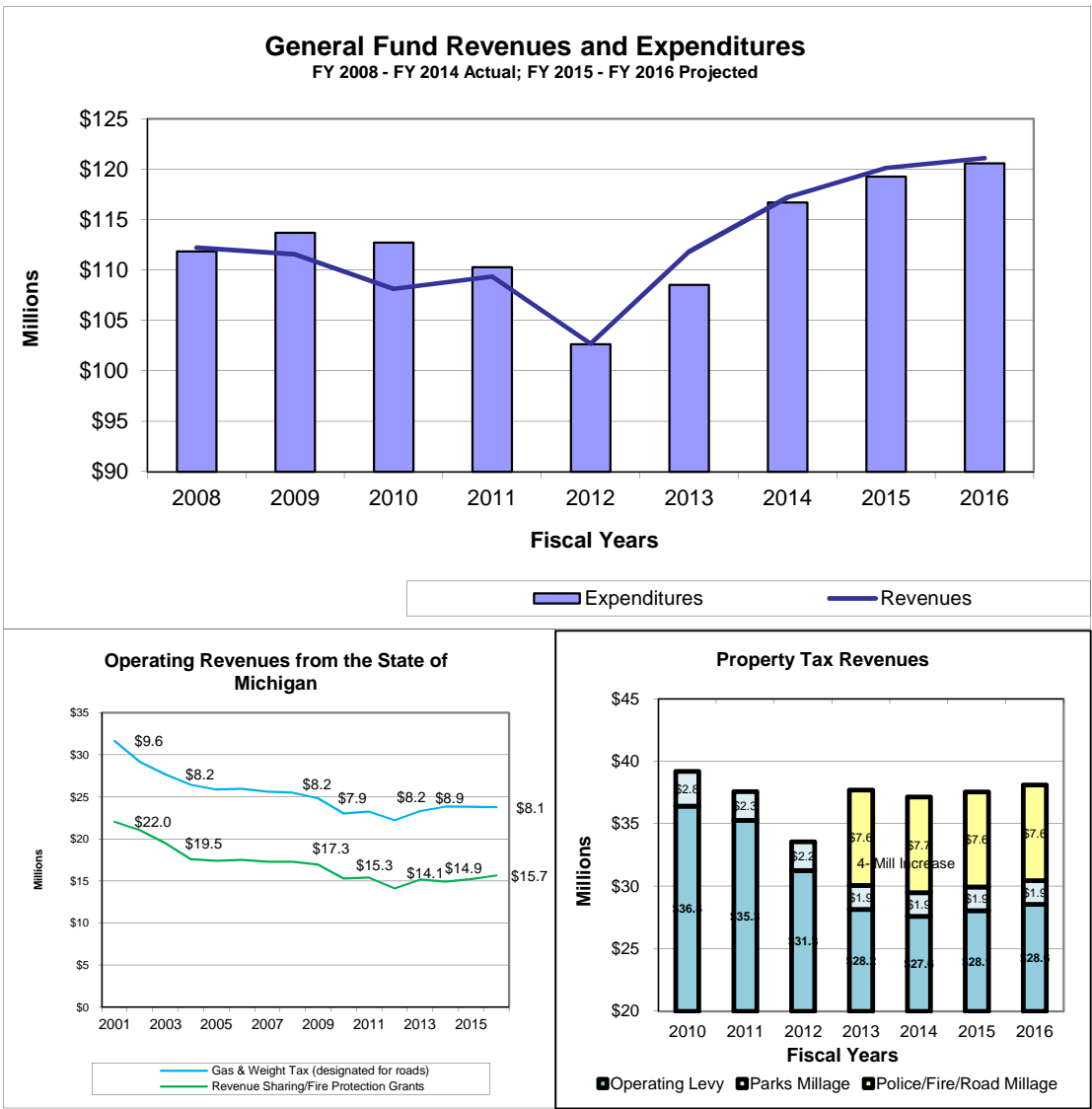
As shown in the graph above, the main sources of funding for these services are property taxes, income taxes, State revenue sharing, and grants.

These services are classified in the City's financial statements as "governmental activities" and "governmental funds."

Information on the following pages is summarized to provide a concise view. More detailed information on each of these funds is available in the "Governmental" Funds section of the City's Comprehensive Annual Financial Report (CAFR) and annual Budget Documents.

Revenue Trends - General Governmental Services

Over the past several years, the City has seen a steady and significant decline in revenues from the State of Michigan. Revenues from the State support general operations (revenue sharing), the Fire Department (Fire Protection/Bad Driver Fees), and Roads (Gas & Weight Tax). These reductions, combined with the effects of declining property tax revenues in the Great Recession, fluctuating income tax revenues, and escalating healthcare and pension costs, have resulted in significant fiscal challenges for the City and other municipalities. Because of these challenges, voters approved a 4 mill property tax increase, starting in FY 2013, for police and fire protection and road maintenance funding. As depicted in the Property Tax Revenue chart, as of FY 2016, property tax revenues without the millage increase remain well below FY 2010 levels. The increase in total General Fund revenues in FY 2014 resulted from an increase in return on equity payments from the Lansing Board of Water and Light.



Service-Level Changes/Revenue Enhancements Enacted In Response to Declining Revenues

In response to the challenges presented by declining General Fund revenues and increasing costs of pension and healthcare, Mayor Bernero has, since coming into office in 2006, proposed and implemented many different changes in City programs, staffing, and organization, including:

- Reducing the City's workforce by 368 (30%) since FY 2006, from 1,220 to 849
- Reducing hours of work for all non-emergency personnel (reinstated FY 2014)
- Reducing city health insurance costs by negotiating increases in employee health insurance premium sharing, healthcare plan changes, and pension contributions
- Reducing city health insurance costs for Medicare-eligible retirees

- Reducing minimum staffing requirements for firefighters, resulting overtime costs
- Reducing police overtime by reorganizing work schedules
- Closing 3 fire stations and eliminating associated costs

- Closing Waverly and Red Cedar Golf courses
- Closing Miller Road Senior Community Center
- Closing Washington Ice Dome and Scott House

- Consolidating functions within the City (grounds maintenance, engineering, fleet maintenance, parking enforcement, fire/building inspections)
- Consolidating functions with other governments (911, dive team)
- Entering into cooperative agreements with other governments (police and fire training, purchasing, economic development)
- Expanding mutual aid agreements and shared services studies with adjoining municipalities

- Transferring management of Sycamore Driving Range and Fenner Nature Center to non-profits
- Eliminating leased space by consolidating police Patrol and Investigations Divisions
- Increasing fees
- Implementing new technology to improve efficiency (including cash receipting, code compliance, financial system upgrades, payroll system, computerized traffic ticket system, E-filing for income taxes)
- Increasing income tax compliance efforts (over \$3M in additional uncollected revenue since February, 2007)
- Implementing energy efficiency measures in city buildings
- Implementing new restrictions on overtime, travel and hiring
- Instituting a voter-approved 4.0 mill property tax increase to mitigate further reductions to police, fire and road services

During this time, the City has maintained its focus on preserving and improving its economic base. The Mayor's economic team has worked tirelessly to retain and expand jobs, bringing income tax and property tax revenue into the City.

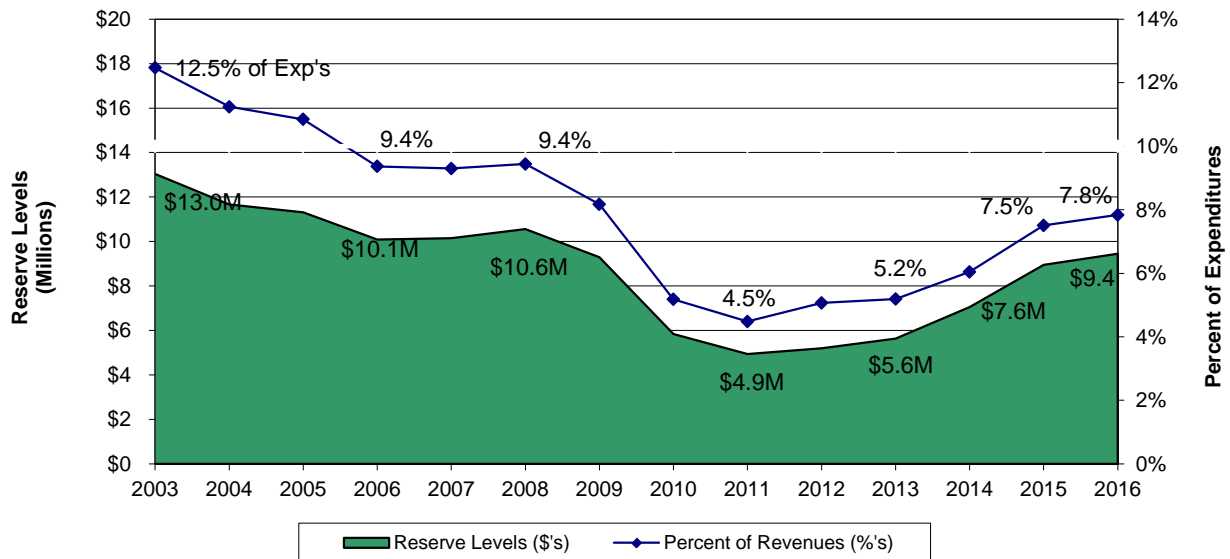
General Fund Reserves

The City's General Fund is used for activities mainly supported by tax revenue and State-shared revenues. (Grant are reported in separate funds in order to demonstrate legal compliance with grant requirements.)

"Reserves", also known as "fund balance", "budget stabilization fund", and "rainy-day funds", is the amount by which assets exceed liabilities. It can be thought of as a savings account -- it exists in case of extraordinary emergency financial situations and to sometimes save up for major purchases.

Since FY 2007, General Fund budgets have been adopted without reliance on the use of reserves. Unfortunately, the severity of the economic downturn that started December, 2008 resulted in larger-than-anticipated losses of revenue. Expenditures have been managed to lessen the impact on reserves (see page 5), but have not been enough to match the loss of revenue. Where the City's desire is to maintain General Fund reserve levels of 10% - 15% of revenues, reserve levels were 4.5% at the end of FY 2011. Building back up those reserves, to provide insulation in the event of another economic downturn or emergency, is a priority for the City, and progress is being made.

General Fund Reserves



SECTION 2:

User Fee-based services those municipal services funded mainly through user fees and usage rates

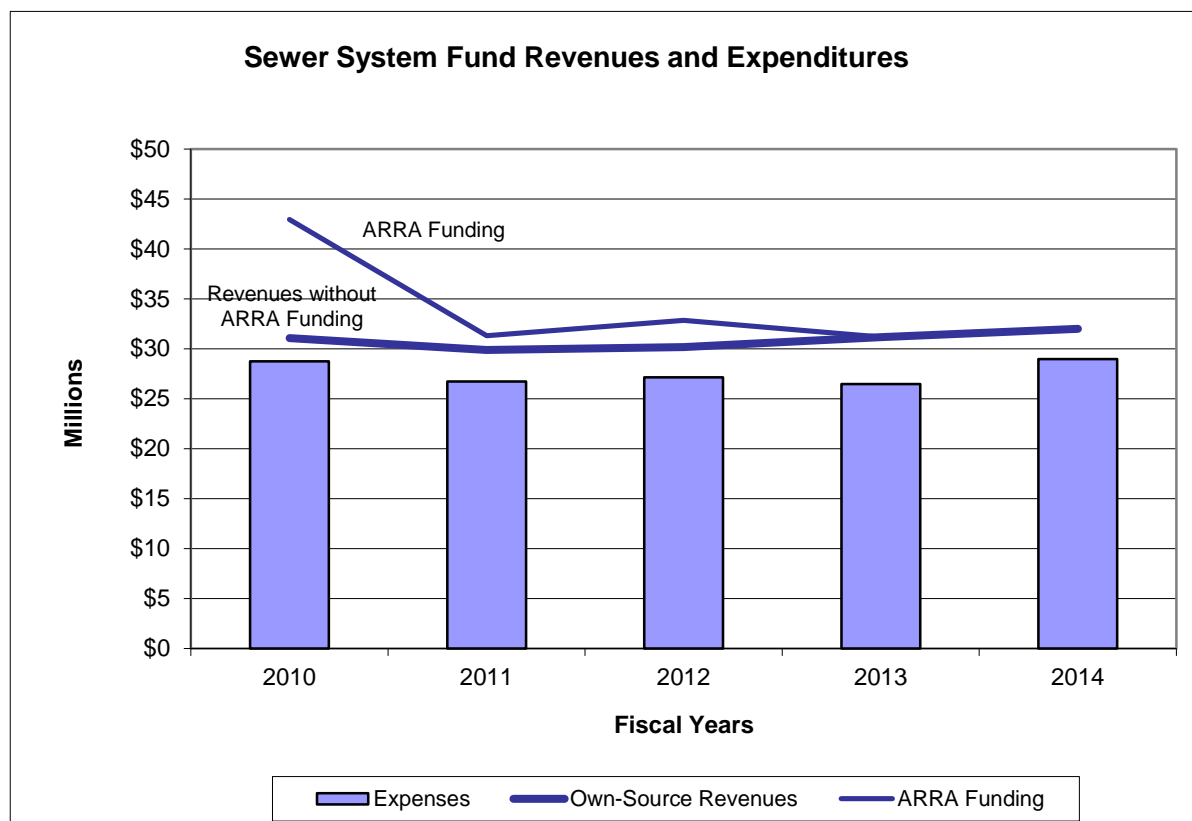
Services included in this section include the City's:

- Sanitary Sewer System
- Parking System
- Refuse (Garage Collection) Operations
- Recycling Operations
- Golf Course Operations
- Cemetery Operations

These services are reported in the City's financial statements in the category of funds known as "enterprise" and "proprietary" funds.

Information on the following pages is summarized to provide a concise view. More detailed information on each of these funds is available in Proprietary Fund section of the City's Comprehensive Annual Financial Report (CAFR) and annual Budget Documents.

Sanitary Sewer System

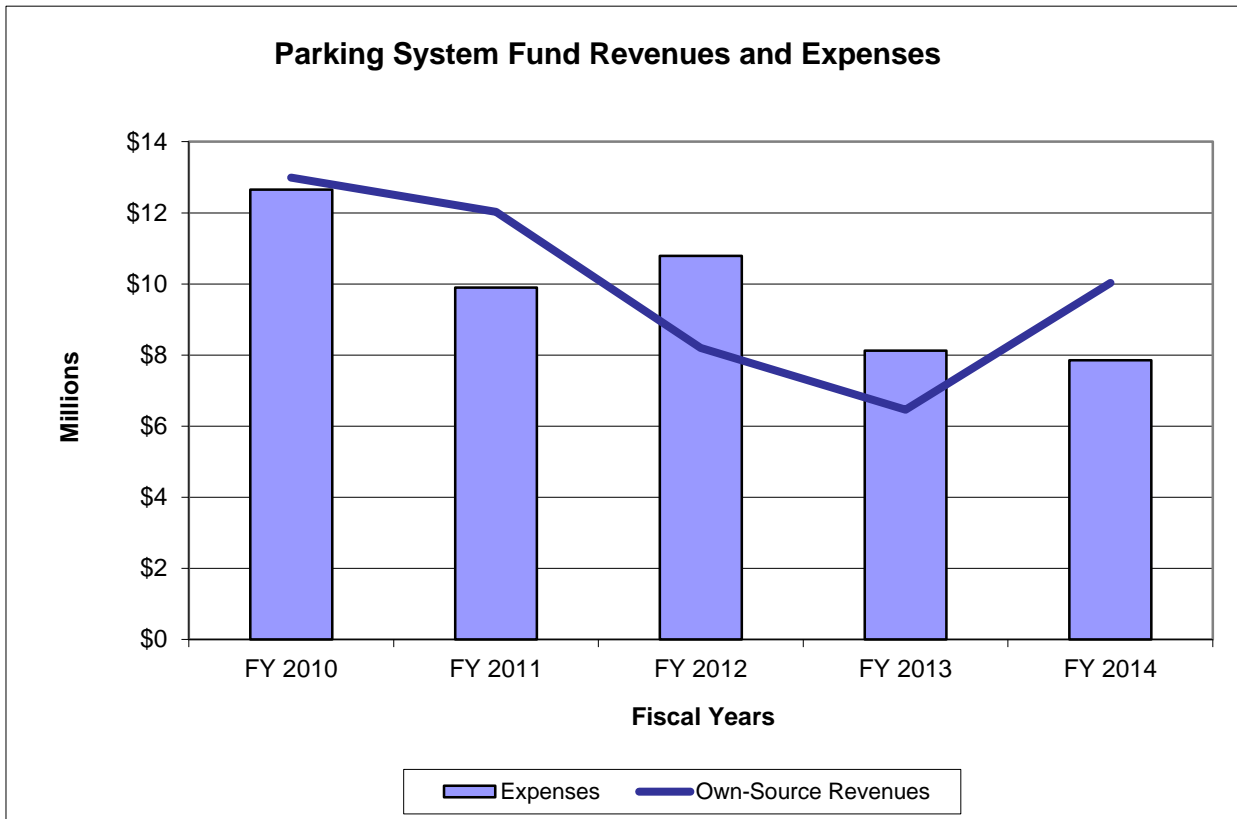


The City's sanitary sewer system invests heavily in infrastructure. Rates are structured to fund not only day-to-day operations, but to also fund capital maintenance and construction needed to operate the systems in the long-term. In some years, revenues exceed expenses and are "saved" for infrastructure needs. In years where heavy infrastructure maintenance and/or construction occurs, expenditures exceed revenues, and the amounts "saved up" are spent.

The City is required by federal and state mandates to separate sanitary sewer from storm sewers, in order to lessen the amount of sewage that flows into the Grand River during major storm events. This program, known as the Combined Sewer Operations (CSO) has resulted increasingly-large debt repayments (see page 16), requiring annual sewer rate increases.

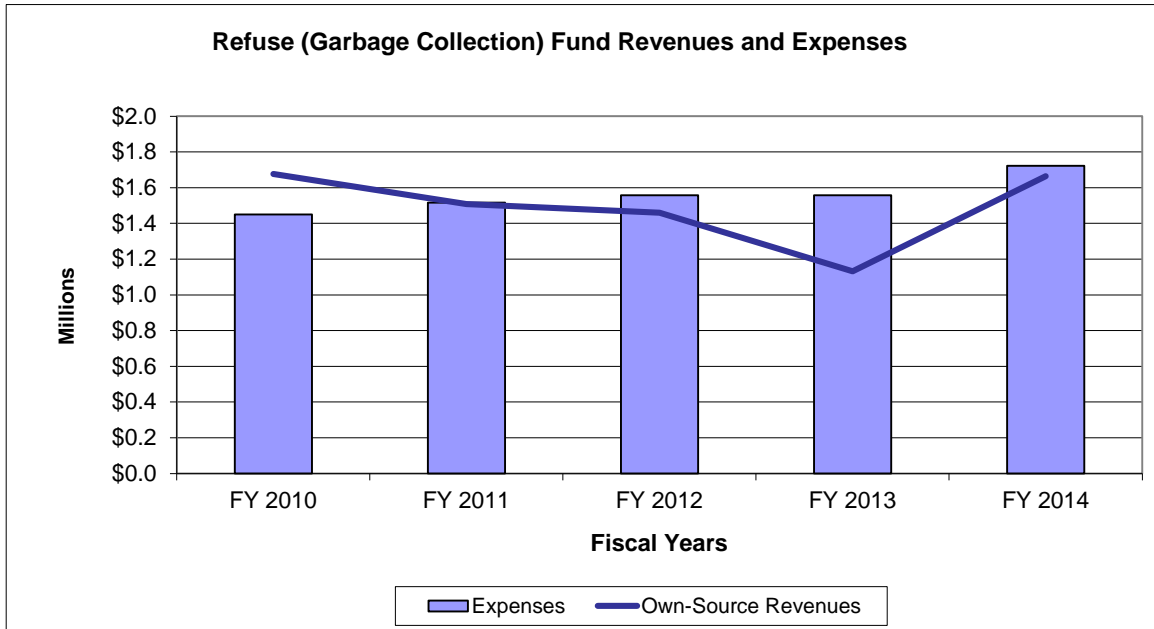
In FY 2010 through FY 2012, the sanitary sewer system received \$16 million in federal stimulus from the American Recovery and Reinvestment Act (ARRA). This resulted in an influx of cash; however, that amount will be needed to repay debt for the federally-discounted loans.

Parking System



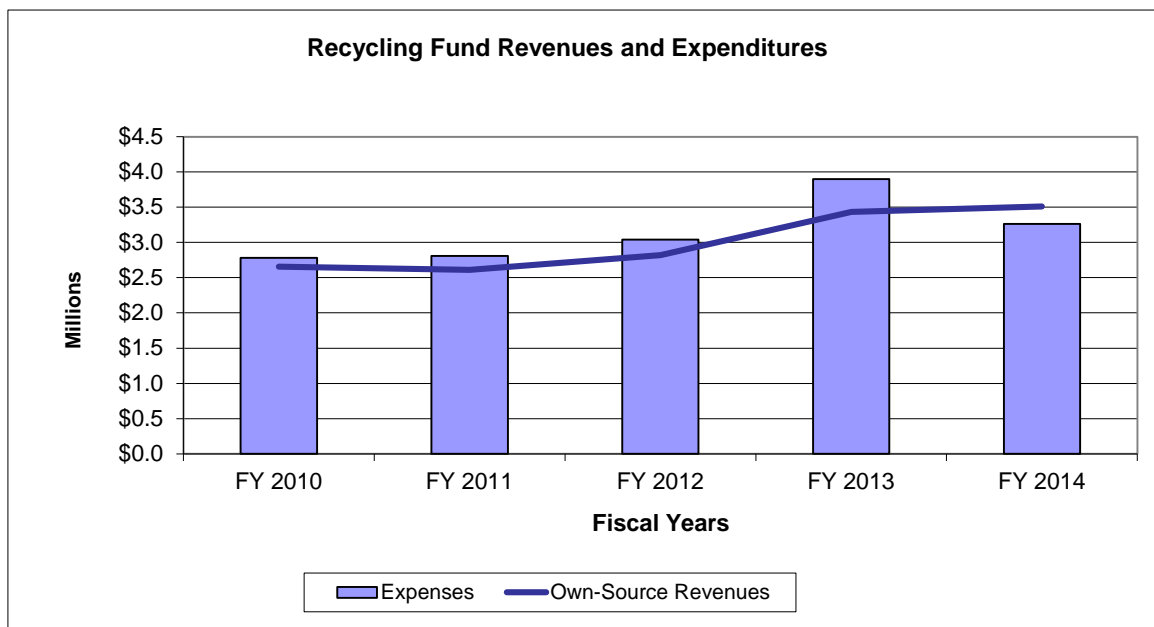
The City's parking system invests heavily in infrastructure, as the system supports various parking lots and four parking ramps. Rates are structured to fund not only day-to-day operations, but to also fund capital maintenance and construction needed to operate the system in the long-term, including structural repairs to parking ramps and ramp replacement. In some years, revenues exceed expenses and are "saved" for infrastructure needs. In years where heavy infrastructure maintenance and/or construction occurs, which was the case for fiscal years 2012 and 2013, expenditures exceed revenues, and the amounts "saved up" are spent.

Garbage Collection and Recycling Systems

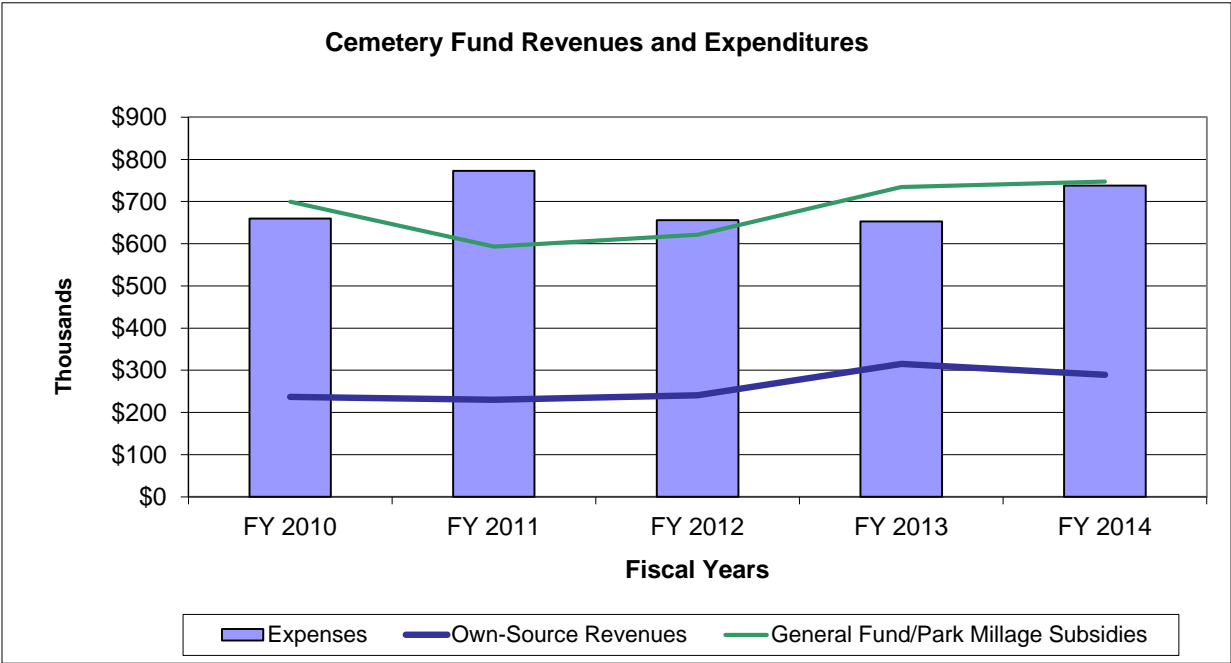


The City provides garbage collection services. The program is funded by fees based on the size of garbage container used. The City's residential recycling system, which converted this past year to single-stream, is funded by a recycling fee charged to residents. These programs are designed to encourage recycling and the reduction of waste being hauled to landfills.

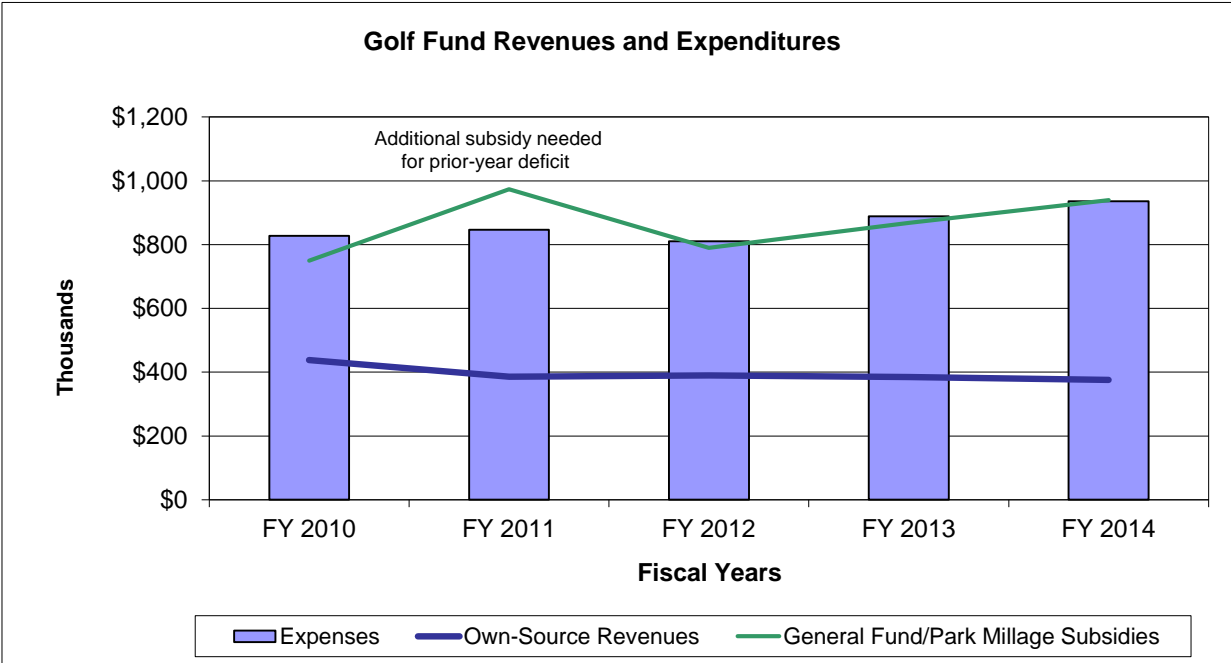
While not as capital-intensive as the sewer and parking systems, garbage collection rates and the recycling fee are designed to fund day-to-day operations as well as capital replacement for vehicles and equipment. As a result, revenues will exceed revenues in some years to build up funding for capital, and expenditures will exceed revenues in years where such capital is purchased. The 2013 increase was due to the introduction of single-stream recycling, which was funded by a recycling fee increase, designed to reimburse implementation costs over the next several years.



Cemetery and Golf Operations

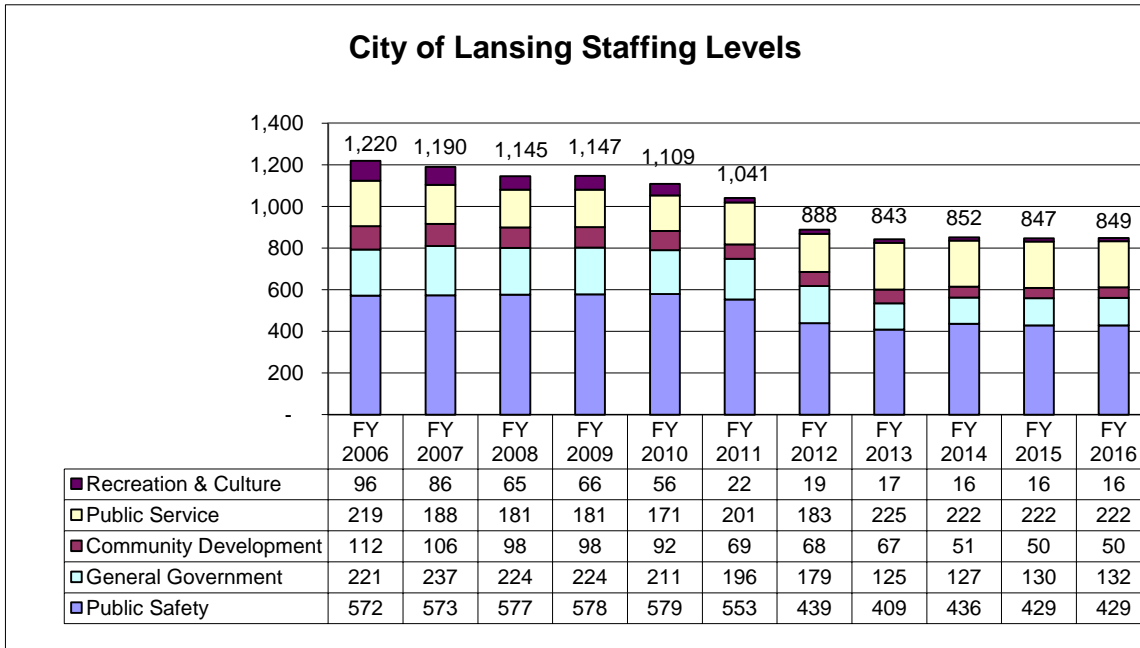


The City operates three (3) cemeteries, one 18-hole golf course, and a driving range. Cemetery and golf operations have both required heavy subsidies from the City's General Fund and Parks Millage Fund in recent years. To reduce these tax dollar subsidies, various measures have been adopted to reduce costs, including the closure of two formerly-City-operated golf courses, and partnership with the First Tee organization for the operation of the City's driving range and the Lansing Entertainment and Public Facilities Authority for concessions and marketing for golf.



SECTION 3: STAFFING

The following graph is for total City staffing. Staffing has decreased 30% from FY 2006 levels, as the City has been faced with declining revenues and inflationary pressures from healthcare and pension costs.



Notes:

Recreation & Culture - 18 positions transferred to Ingham County with Zoo in FY 2008 with the passage of a County-wide zoo millage; 31 positions transferred from Recreation & Culture to Public Service in 2011 as part of a consolidation of grounds maintenance functions.

Public Service - 31 positions transferred from Recreation & Culture to Public Service in FY 2011 as part of a consolidation of grounds maintenance functions. Forty-five (45) positions transferred from General Government to Public Service for Property Management and Fleet Maintenance operations in FY 2013.

Community Development - Nine (9) positions were transferred to Public Service in FY 2011 for consolidation of grounds maintenance and transportation operations. Sixteen (16) positions were transferred from Community Development to Public Safety for parking enforcement and code compliance activities in FY 2014.

General Government - Forty-five (45) positions transferred from General Government to Public Service for Property Management and Fleet Maintenance operations in FY 2013.

Public Safety - The reduction in Public Safety staffing in FY 2013 is due to the transfer of 53 positions to the 9-1-1 Dispatch Center to Ingham County. Police and Fire staffing for FY 2013 increased by 11 officers and one Crime Analyst due to grants. Nine (9) additional police officers and one fire inspection position were added in FY 2013. The change in positions in FY 2014 are due to the transfer of parking enforcement and code compliance positions, as well as the hiring of eight (8) additional firefighters due to a grant. Eight (8) grant-funded firefighter positions ended in FY 2014.

FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016

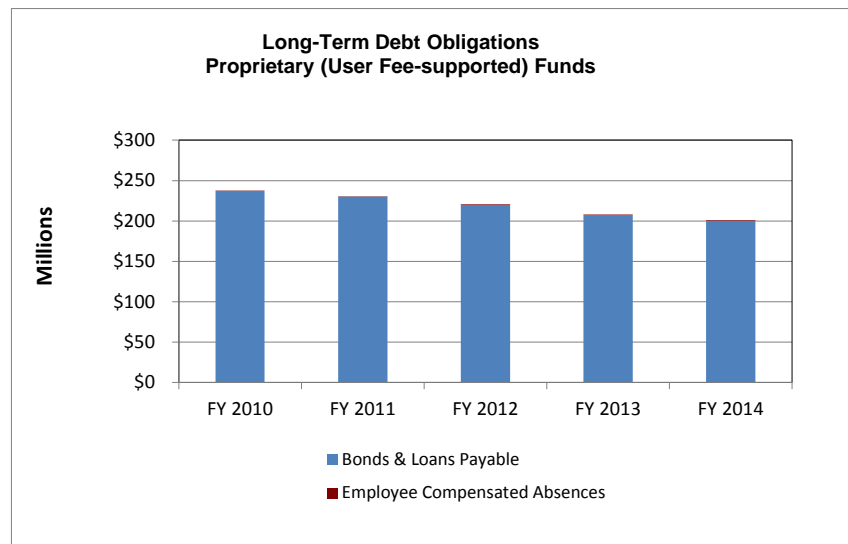
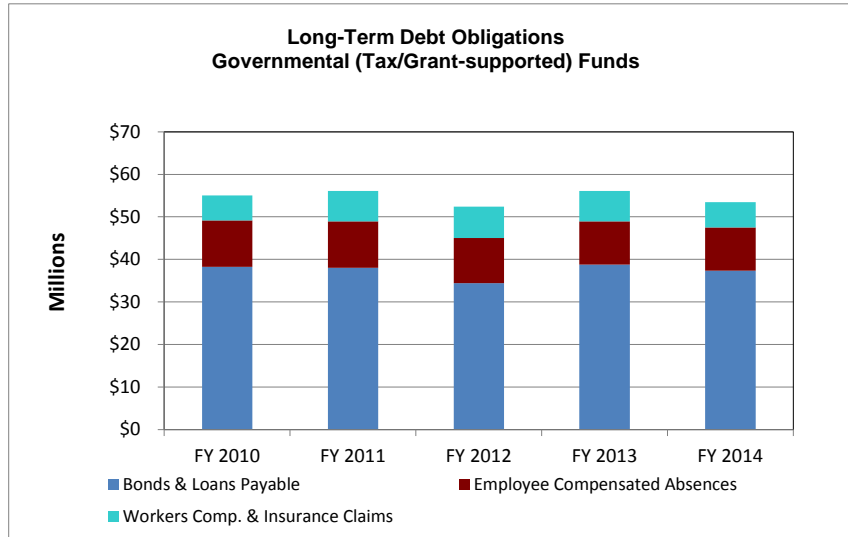
Number of employees per 1,000 residents	9.6	9.3	9.1	7.8	7.4	7.5	7.4	7.4
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SECTION 4:

Long-Term Obligations

The City has obligations which are funded by both current and future year revenues. These obligations include debt issued to fund capital projects (which benefit not only the current year but future years), and funding for its pension and healthcare benefits for retirees.

Long-Term Debt Obligations

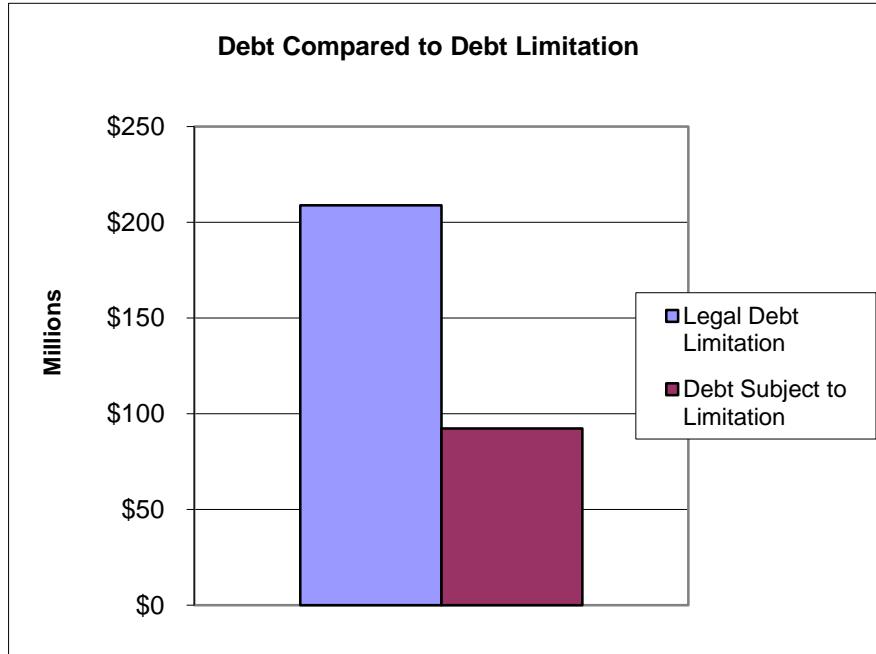


The City issues debt, in the form of long-term bonds and loans, to finance certain capital projects. The City does *not* issue debt to finance day-to-day operations. Debt is repaid with annual revenues. The City's EPA-mandated sewer separation project requires a heavy reliance on debt issuances, financed by sewer rate increases, as noted in the second chart.

Additionally, certain amounts, such as accumulated employee leave time and insurance claims, are recorded as long-term obligations of the City. These are also paid with annual revenues as they come due. Employee compensated absences (sick, vacation leave balances) are higher in the governmental (tax-supported) funds, because a larger number of employees work in the governmental services, compared to the proprietary (user fee-supported) services.

The increase in governmental (tax-supported) bonds and loans payable in FY 2013 is largely due to a \$5.9M loan, the amount for which is reimbursed to the City from outside sources, but which must be shown as outstanding debt of the City.

Long-Term Debt Obligations



The capacity for the City to issue certain types of bonds and loans is governed by the City's debt limitation, which is based on assessed property value and the ability to generate property taxes. Certain bond issuances, most notably those supported by user-fee based revenues, are not subject to the City's debt limitation. As indicated by the above chart, the City is well within its legal debt limitation.

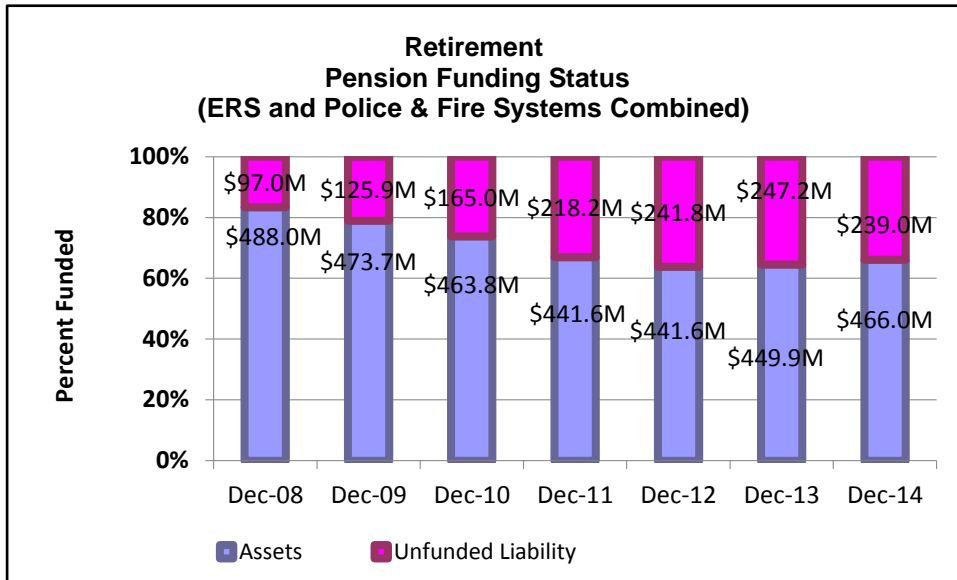
Moody's Bond Rating Scale

Aaa	Highest Rating
Aa	Lansing Revenue-Backed Debt= Aa3
A	Lansing Tax-Backed Debt = A2
Baa	
Ba	
B	
Caa	
Ca	
C	Lowest Rating

S&P Bond Rating Scale

AAA	Highest Rating
AA	Lansing Tax-Backed Debt = AA- Lansing Revenue-Backed Debt = AA-
A	
BBB	
BB	
B	
CCC	
CC	
C or D	Lowest Rating

Long-Term Pension Obligations

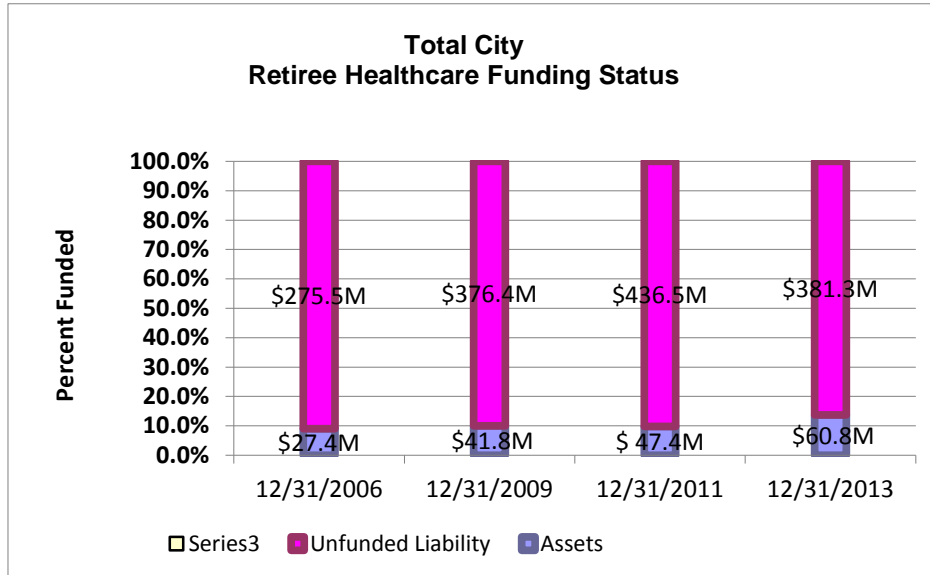


The City has defined benefit (pension) plans for its current retirees and employees. The City has been funding the resulting actuarially-determined long-term liabilities, and their current funding status is shown above. The stock market crash in December, 2008 (which is smoothed into actuarial results over a five-year period) adversely impacted the funding status of the systems. To the extent the systems have unfunded actuarial liabilities, annual contributions to the pension systems are required. The City has consistently contributed the full contribution amounts.

Actuarial valuations are performed annually, on a calendar-year basis, for the City's pension systems.

More detailed information is available from the City's actuarial reports of its Employee's Retirement System (ERS), Police and Fire Retirement System, and its Other Post-Employment Benefits System, as well as the City's Comprehensive Annual Financial Report.

Long-Term Retiree Healthcare Obligations



The City has defined benefit retiree healthcare plans for its current retirees and employees. While municipalities have been setting aside funding and receiving actuarial valuations for pension systems for decades, they have only been required to do so for retiree healthcare since an accounting requirement change in FY 2009. The City has been setting aside monies for prefunding of retiree healthcare since 1993, several years longer than most municipalities. The City has been funding the resulting actuarially-determined long-term liabilities, and their current funding status is shown above. The stock market crash in December, 2008 adversely impacted the funding status of the systems. The funding level as of 12/31/13 was 13.8%. Because prefunding for retiree healthcare has begun very recently, benefits for current retirees are funded on a pay-as-you-go basis out of current-year revenues.

Actuarial valuations are performed biannually for the City's retiree healthcare systems.

More detailed information is available from the City's actuarial reports of its Employee's Retirement System (ERS), Police and Fire Retirement System, and its Other Post-Employment Benefits System, as well as the City's Comprehensive Annual Financial Report.



Virg Bernero, Mayor

City of Lansing, Michigan Performance Dashboard

Welcome to the City of Lansing's Performance Dashboard. This dashboard provides the most currently available information about citywide indicators regarding Fiscal Stability, Economic Strength, and Quality of Life. In addition, Monthly Measures are included to provide a look at direct city services and service requests. This section will be updated on a monthly basis as current information becomes available. The information in this section of the report is preliminary information and requires the Microsoft Excel file to access.

Additional information on the City's finances are available in the following resources on the City's website:

www.lansingmi.gov

Financial statements - Comprehensive Annual Financial Report (CAFR) - provides financial information as of June 30 each year

Budget documents - provides the City's financial and service-level plan for each of the City's fiscal years

Citizens' Guide to City Finances - provides an overview of the City's finances and financial position



Virg Bernero, Mayor

City of Lansing Performance Dashboard

Annual Measures

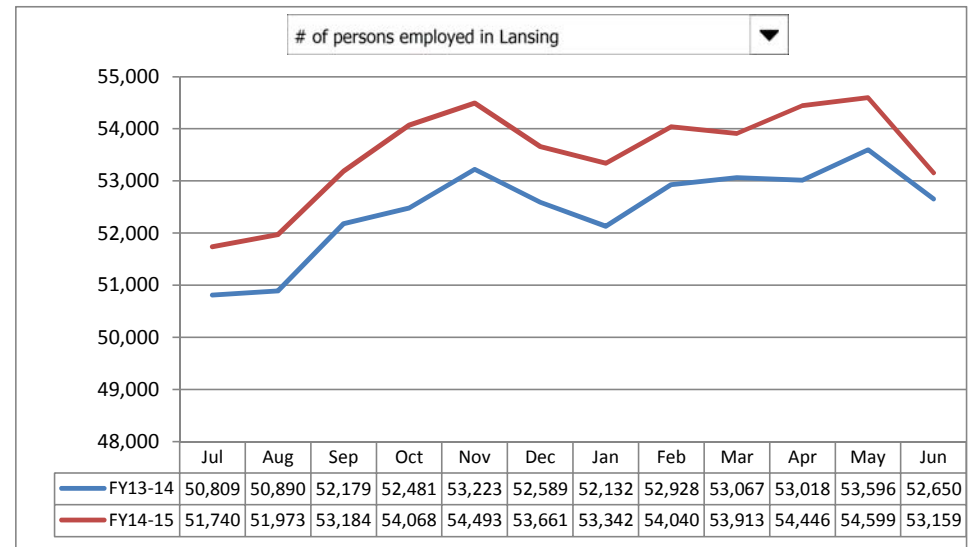
● Positive Trend - Improving Performance
 ● Neutral - No Change
 ● Negative Trend - Declining Performance

Fiscal Stability			
	Prior Year	Current Year	Progress
Annual General Fund (GF) Revenues per population	\$1,041	\$1,060	●
Taxable value	\$1,975,388,252	\$2,064,250,906	●
Prior Year annual GF expenditures less than, equal to or greater than revenues	Less Than	Less Than	●
Ratio of pensions to employees	1.87	1.92	●
Fund balance as a % of annual GF expenditures	7.3%	8.0%	●
General Obligation Bond Rating (Moody's / S&P)	A1 / AA-	A2 / AA-	●
Debt burden per population	\$2,390	\$2,310	●
Funded pension liability status	64.5%	66.1%	●
Funded retiree healthcare liability status	13.8%	Not Yet Available	

Economic Strength			
	2013 (Prior)	2014 (Most Currently Available)	Progress
Number of persons employed in Lansing	51,916	53,043	●
Unemployment rate (not seasonally adjusted)	10.7%	8.5%	●
Median household income	\$33,958	\$36,567	●
% of community age 25+ with Bachelor's Degree or higher	23.3%	27.3%	●
4-Year graduation rate from Lansing School District (LSD) public high schools	65.4%	67.5%	●
% of schools in the top 50 percentile of the Michigan Top to Bottom school rankings	0.0%	5.0%	●
Median home value	\$73,400	\$75,700	●
Average road conditions on a scale of 1 - 10 (1 = obsolete; 10 = new road)	Major: 5.78 Local: 4.39	Major: 4.14 Local: 4.11	●
% of community with access to high speed broadband (prior is Ingham County)	100%	100%	●

Quality of Life			
	2013 (Prior)	2014 (Current)	Progress
Violent crimes per 1,000 population	10.5	11.1	●
Property crimes per 1,000 population	34.6	31.3	●
Fires per 1,000 population	3.4	3.0	●
Population below the Federal poverty level	31.8%	26.2%	●
# of residential foreclosures	606	421	●
# of tagged (substandard) properties	340	442	●
Acres of park per 1,000 population	18.1	17.8	●
% of GF budget committed to arts, culture, and recreation	8.9%	9.2%	●
Avg. daily attendance at open recreation offerings (2014 decrease due to incimate weather for outdoor pool attendance)	195	171	●
% of pothole complaints responded to within 1 business day	82%	55%	●

Monthly Measures



**City of Lansing General Fund
Projected Budget FY 2016 - FY 2017**

Fiscal Year Ended:

June 30, 2015	June 30, 2016	June 30, 2017
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	<u>Current Year Budget</u>	<u>FY 2016 Proposed</u>	<u>FY 2017 Projection</u>	<u>Assumptions</u>
REVENUES				
Property Taxes	\$ 37,605,000	\$ 38,090,000	\$ 38,516,000	1.0% Property tax growth projected (Proposal A limitations with some uncapping)
Income Tax	31,180,000	32,150,000	32,700,000	Moderate (\$500k) increase for improvement in employment levels
State Revenue Sharing	15,464,595	15,738,000	16,038,000	Small increase projected for sales tax growth
Fines & Fees	10,891,270	11,157,500	11,157,500	
Licenses & Permits	1,507,500	1,574,500	1,574,000	
Interest Income & Other Revenues	184,672	305,000	229,500	
Return on Equity	21,300,000	22,000,000	22,500,000	
Interfund Transfers (In)	866,963	85,000	85,000	FY 2016 decrease due to expiring grant
Total Revenues	\$ 119,000,000	\$ 121,100,000	\$ 122,800,000	

EXPENDITURES

General Government	\$ 10,843,680	\$ 12,086,200	\$ 12,108,000
Police & Fire	71,683,500	71,842,000	72,093,000
Courts	5,979,450	6,313,200	6,372,000
Recreation & Culture	9,943,020	10,042,480	10,222,000
Community & Economic Development	3,830,550	4,129,580	4,186,000
Public Service	10,130,100	10,373,700	10,789,000
Capital	4,352,600	4,361,500	4,400,000
Debt Service	1,186,000	1,181,200	1,269,000
Subsidies to other Funds	551,100	270,140	261,000
Total Expenditures	\$ 118,500,000	\$ 120,600,000	\$ 121,700,000

See Assumptions Below

Projected Surplus/(Deficit)	\$ 500,000	\$ 500,000	\$ 1,100,000
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General Fund Reserve Policy	\$ 500,000	\$ 500,000	\$ 500,000
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Projected Surplus/(Deficit) Net of Budget Policy	\$ -	\$ -	\$ 600,000
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Expenditure Assumptions:

- Wages and fringe benefits are based on projected costs for budgeted positions. Healthcare assumption = 4% - 6%; pension costs projected to slightly and temporarily decrease in FY 2017 due to recent collective bargaining provisions.

- Departmental operating (non-personnel) costs assume a 3% increase.

Projections assume a status quo budget for FY 2017 (same levels of staffing and services) as FY 2016. FY 2017 will not begin until July 1, 2016. Amounts noted are very preliminary projections for planning purposes.

City of Lansing
 Debt Service Requirements
 Local Unit Government Code: 332020
 Fiscal Year Ended: June 30

Debt Type	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039
2005 Police Firing Range Refunding G.O. - LT																								
Date of Issuance: 12/29/2005																								
Original Amount: \$1,470,000																								
Repayment Source: General Fund																								
Principal Payment Schedule	150,000	160,000	165,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	23,750	16,250	8,250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	173,750	176,250	173,250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006 Lansing Center Upgrades G.O. - LT																								
Date of Issuance: 2/1/2006																								
Original Amount: \$4,000,000																								
Repayment Source: General Fund																								
Principal Payment Schedule	260,000	275,000	285,000	295,000	310,000	320,000	335,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	85,660	75,520	64,520	53,120	41,025	28,005	14,405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	345,660	350,520	349,520	348,120	351,025	348,005	349,405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006 Lansing Center Equipment IPC																								
Date of Issuance: 10/27/2005																								
Original Amount: \$81,500																								
Repayment Source: General Fund																								
Principal Payment Schedule	4,955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5,036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012 Lansing Center Energy Efficiency G.O. - LT																								
Date of Issuance: 1/15/2013																								
Original Amount: \$5,645,000																								
Repayment Source: General Fund																								
Principal Payment Schedule	470,000	555,000	650,000	755,000	880,000	940,000	655,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	117,720	106,440	93,120	77,520	59,400	38,280	15,720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	587,720	661,440	743,120	832,520	939,400	978,280	670,720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013 City Phone System Refunding G.O. - LT																								
Date of Issuance: 1/15/2013																								
Original Amount: \$240,000																								
Repayment Source: General Fund																								
Principal Payment Schedule	60,000	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	2,880	1,440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	62,880	61,440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012 Showmobile IPC																								
Date of Issuance: 7/12/2012																								
Original Amount: \$147,046																								
Repayment Source: General Fund																								
Principal Payment Schedule	4,312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4,326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total - General Fund-Supported Debt	1,179,372	1,249,650	1,265,890	1,180,640	1,290,425	1,326,285	1,020,125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007 Fire Station Refunding G.O. - UT																								
Date of Issuance: 3/29/2007																								
Original Amount: \$1,780,000																								
Repayment Source: Voted Millage																								
Principal Payment Schedule	200,000	200,000	200,000	195,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	35,800	25,800	15,800	7,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	235,800	225,800	215,800	202,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 Fire Station Refunding G.O. - UT																								
Date of Issuance: 12/28/2010																								
Original Amount: \$2,470,000																								
Repayment Source: Voted Millage																								
Principal Payment Schedule	310,000	310,000	305,000	305,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	32,595	24,380	16,165	8,083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	342,595	334,380	321,165	313,083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total - Voted Millage-Supported Debt	578,395	560,180	536,965	515,883	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Key:
 G.O. - LT = General Obligation Limited Tax
 G.O. - UT = General Obligation Unlimited Tax (voted tax millage)
 IPC = Installment Purchase Contract

Type	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039
2007 Michigan Transportation Bond G.O. - LT																								
Date of Issuance: 3/22/2007																								
Original Amount: \$4,740,000																								
Repayment Source: Gas & Weight Taxes																								
Principal Payment Schedule	550,000	575,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	56,250	28,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	606,250	603,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008 Michigan Transportation Bond G.O. - LT																								
Date of Issuance: 5/8/2008																								
Original Amount: \$3,500,000																								
Repayment Source: Gas & Weight Taxes																								
Principal Payment Schedule	465,000	485,000	510,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	56,025	38,588	20,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	521,025	523,588	530,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009 Build America Bond G.O. - LT																								
Date of Issuance: 7/22/2009																								
Original Amount: \$10,197,000																								
Repayment Source: Gas & Weight Taxes																								
Principal Payment Schedule	280,000	290,000	470,000	590,000	615,000	640,000	670,000	695,000	725,000	755,000	790,000	825,000	860,000	900,000	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	375,674	366,483	356,587	339,479	317,236	293,251	267,667	240,448.00	211,762	181,366	149,222	114,561	78,364	40,073	-	-	-	-	-	-	-	-	-	-
	655,674	656,483	826,587	929,479	932,236	933,251	937,667	935,448	936,762	936,366	939,222	939,561	938,364	940,073	-	-	-	-	-	-	-	-	-	-
2014 State Infrastructure Loan Loan																								
Date of Issuance: 3/25/2014																								
Original Amount: \$1,979,976.98																								
Repayment Source: Gas & Weight Taxes																								
Principal Payment Schedule	-	-	222,662	229,342	236,222	243,308	250,608	258,126	265,870	273,840	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	74,046	59,399	59,399	52,719	45,839	38,753	31,453	23,935	16,191	8,215	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	74,046	59,399	282,061	282,061	282,061	282,061	282,061	282,061	282,061	282,055	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total - Gas & Weight Tax Supported Debt	1,856,995	1,843,220	1,639,048	1,211,540	1,214,297	1,215,312	1,219,728	1,217,509	1,218,823	1,218,422	939,222	939,561	938,364	940,073	-	-	-	-	-	-	-	-	-	-
2015 Stadium IPC																								
Date of Issuance: 2/13/2015																								
Original Amount: \$13,500,000																								
Repayment Source: Stadium Revenues																								
Principal Payment Schedule	375,014	766,987	790,169	814,052	838,657	864,005	890,120	917,024	944,741	973,295	1,002,713	1,033,020	1,064,243	1,096,410	1,129,549	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	391,500	388,040	364,858	340,975	316,370	291,022	264,907	238,003	210,286	181,732	152,314	122,007	90,784	58,617	25,478	-	-	-	-	-	-	-	-	-
Total - Stadium Supported Debt	766,514	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	1,155,027	-	-	-	-	-	-	-	-	-
2012 Golf Course Refunding G.O. - LT																								
Date of Issuance: 1/15/2013																								
Original Amount: \$405,000																								
Repayment Source: Golf Revenues																								
Principal Payment Schedule	100,000	105,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	4,920	2,520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total - Golf Course Supported Debt	104,920	107,520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-03 G.O. - LT																								
Date of Issuance: 3/31/1994																								
Original Amount: \$3,234,722																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	185,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	1,850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	186,850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-04 G.O. - LT																								
Date of Issuance: 6/28/1994																								
Original Amount: \$3,727,138																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	121,805	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	1,218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	123,023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-06 G.O. - LT																								
Date of Issuance: 3/30/1995																								
Original Amount: \$7,595,611																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	340,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	7,650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	347,650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Key:
G.O. - LT = General Obligation Limited Tax
G.O. - UT = General Obligation Unlimited Tax (voted tax millage)
IPC = Installment Purchase Contract

Type	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039
State Revolving Fund Loan 5005-07																								
G.O. - LT																								
Date of Issuance: 6/27/1996																								
Original Amount: \$3,365,073																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	195,000	200,073	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	8,889	4,502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	203,889	204,575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-08																								
G.O. - LT																								
Date of Issuance: 10/03/1996																								
Original Amount: \$3,995,000																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	235,000	240,000	245,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	13,556	8,213	2,756	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	248,556	248,213	247,756	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-09																								
G.O. - LT																								
Date of Issuance: 3/27/1997																								
Original Amount: \$4,746,780																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	265,000	275,000	280,000	281,780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	21,809	15,734	9,490	3,170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	286,809	290,734	289,490	284,950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-10																								
G.O. - LT																								
Date of Issuance: 6/25/1998																								
Original Amount: \$10,539,950																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	580,000	595,000	605,000	620,000	634,950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	61,761	48,543	35,043	21,261	7,143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	641,761	643,543	640,043	641,261	642,093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-11																								
G.O. - LT																								
Date of Issuance: 4/1/1999																								
Original Amount: \$10,120,000																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	575,000	590,000	605,000	620,000	635,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	75,625	61,250	46,500	31,375	15,875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	650,625	651,250	651,500	651,375	650,875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-12																								
G.O. - LT																								
Date of Issuance: 3/30/2000																								
Original Amount: \$9,447,830																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	515,000	530,000	545,000	555,000	570,000	577,830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	82,321	69,446	56,196	42,571	28,696	14,446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	597,321	599,446	601,196	597,571	598,696	592,276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-13																								
G.O. - LT																								
Date of Issuance: 3/29/2001																								
Original Amount: \$10,573,046																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	565,000	580,000	595,000	610,000	625,000	645,000	648,046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	106,701	92,576	78,076	63,201	47,951	32,326	16,201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	671,701	672,576	673,076	673,201	672,951	677,326	664,247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-14																								
G.O. - LT																								
Date of Issuance: 3/28/2002																								
Original Amount: \$12,381,131																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	625,000	640,000	655,000	670,000	690,000	705,000	725,000	740,000	761,131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	147,466	131,653	115,466	98,903	81,903	64,466	46,591	28,278	9,514	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	772,466	771,653	770,466	768,903	771,903	769,466	771,591	768,278	770,645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-15																								
G.O. - LT																								
Date of Issuance: 3/27/2003																								
Original Amount: \$10,145,688																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	510,000	520,000	535,000	550,000	565,000	575,000	585,000	605,000	620,000	610,688	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	135,517	122,642	109,455	95,892	81,955	67,705	53,205	38,330	23,017	7,634	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	645,517	642,642	644,455	645,892	646,955	642,705	638,205	643,330	643,017	618,322	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Revolving Fund Loan 5005-16																								
G.O. - LT																								
Date of Issuance: 3/25/2004																								
Original Amount: \$3,842,649																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	185,000	190,000	195,000	200,000	200,000	205,000	210,000	215,000	220,000	220,000	227,649	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	46,222	42,238	38,147	33,950	29,700	25,397	20,988	16,472	11,850	7,175	2,419	-	-	-	-	-	-	-	-	-	-	-	-	-
	231,222	232,238	233,147	233,950	229,700	230,397	230,988	231,472	231,850	227,175	230,068	-	-	-	-	-	-	-	-	-	-	-	-	-

Key:
G.O. - LT = General Obligation Limited Tax
G.O. - UT - General Obligation Unlimited Tax (voted tax millage)
IPC = Installment Purchase Contract

Type	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039
State Revolving Fund Loan 5005-17 G.O. - LT																								
Date of Issuance: 3/25/2004																								
Original Amount: \$8,003,778																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule																								
Interest Payment Schedule	380,000	390,000	400,000	410,000	420,000	425,000	435,000	445,000	455,000	465,000	448,778	-	-	-	-	-	-	-	-	-	-	-	-	-
	95,280	87,099	78,705	70,099	61,280	52,302	43,165	33,815	24,252	14,477	4,768	-	-	-	-	-	-	-	-	-	-	-	-	
	475,280	477,099	478,705	480,099	481,280	477,302	478,165	478,815	479,252	479,477	453,546	-	-	-	-	-	-	-	-	-	-	-	-	
State Revolving Fund Loan 5005-18 G.O. - LT																								
Date of Issuance: 3/31/2005																								
Original Amount: \$13,389,371																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	675,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000	669,371	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	126,862	115,852	104,802	93,752	82,702	71,652	60,602	49,552	38,502	27,452	16,402	5,439	-	-	-	-	-	-	-	-	-	-	-	
	801,862	795,852	784,802	773,752	762,702	751,652	740,602	729,552	718,502	707,452	696,402	674,810	-	-	-	-	-	-	-	-	-	-	-	
State Revolving Fund Loan 5005-19 G.O. - LT																								
Date of Issuance: 3/30/2006																								
Original Amount: \$18,216,346																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	890,000	900,000	910,000	920,000	930,000	940,000	950,000	960,000	970,000	980,000	985,000	985,000	981,346	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	192,666	178,122	163,416	148,547	133,516	118,322	102,966	87,447	71,766	55,922	39,956	23,950	7,973	-	-	-	-	-	-	-	-	-	-	
	1,082,666	1,078,122	1,073,416	1,068,547	1,063,516	1,058,322	1,052,966	1,047,447	1,041,766	1,035,922	1,024,956	1,008,950	989,319	-	-	-	-	-	-	-	-	-	-	
State Revolving Fund Loan 5005-20 G.O. - LT																								
Date of Issuance: 3/29/2007																								
Original Amount: \$24,244,726																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	1,185,000	1,185,000	1,200,000	1,200,000	1,225,000	1,225,000	1,250,000	1,250,000	1,250,000	1,275,000	1,275,000	1,275,000	1,275,000	1,284,726	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	271,980	252,724	233,346	213,846	194,142	174,236	154,330	133,221	113,908	93,392	72,674	51,955	31,236	10,438	-	-	-	-	-	-	-	-	-	
	1,456,980	1,437,724	1,433,346	1,413,846	1,419,142	1,399,236	1,379,330	1,383,221	1,363,908	1,368,392	1,347,674	1,326,955	1,306,236	1,295,164	-	-	-	-	-	-	-	-	-	
State Revolving Fund Loan 5005-21 G.O. - LT																								
Date of Issuance: 4/1/2008																								
Original Amount: \$27,500,453																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	1,215,000	1,240,000	1,275,000	1,305,000	1,340,000	1,370,000	1,405,000	1,440,000	1,480,000	1,515,000	1,555,000	1,590,000	1,630,000	1,670,000	1,710,453	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	528,324	497,636	466,199	433,949	400,886	367,011	332,324	296,761	260,261	222,824	184,449	145,136	104,886	63,636	21,381	-	-	-	-	-	-	-	-	
	1,743,324	1,737,636	1,741,199	1,738,949	1,740,886	1,737,011	1,737,324	1,736,761	1,740,261	1,737,824	1,739,449	1,735,136	1,734,886	1,733,636	1,731,834	-	-	-	-	-	-	-	-	
State Revolving Fund Loan 5005-22 G.O. - LT																								
Date of Issuance: 4/17/2009																								
Original Amount: \$14,455,604																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	605,000	620,000	635,000	650,000	670,000	685,000	700,000	720,000	740,000	755,000	775,000	795,000	815,000	835,000	855,000	875,000	900,604	-	-	-	-	-	-	-
Interest Payment Schedule	308,203	292,890	277,203	261,140	244,640	227,703	210,390	192,640	174,390	155,703	136,578	116,953	96,828	76,203	55,078	33,453	11,258	-	-	-	-	-	-	
	913,203	912,890	912,203	911,140	914,640	912,703	910,390	912,640	914,390	910,703	911,578	911,953	911,828	911,203	910,078	908,453	911,862	-	-	-	-	-	-	
State Revolving Fund Loan 5411-01 G.O. - LT																								
Date of Issuance: 1/22/2010																								
Original Amount: \$8,548,000																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	370,000	375,000	385,000	385,000	395,000	400,000	415,000	420,000	430,000	435,000	445,000	455,000	465,000	475,000	485,000	495,000	505,000	513,000	-	-	-	-	-	-
Interest Payment Schedule	191,575	182,263	172,763	163,138	153,388	143,450	133,263	122,825	112,200	101,388	90,388	79,138	67,638	55,888	43,888	31,638	19,138	5,413	-	-	-	-	-	
	561,575	557,263	557,763	548,138	548,388	543,450	548,263	542,825	542,200	536,388	535,388	534,138	532,638	530,888	528,888	526,638	524,138	518,413	-	-	-	-	-	
State Revolving Fund Loan 5411-02 G.O. - LT																								
Date of Issuance: 9/9/2014																								
Original Amount: \$8,548,000																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	90,000	95,000	95,000	100,000	100,000	105,000	105,000	110,000	115,000	115,000	120,000	120,000	125,000	130,000	130,000	135,000	135,000	140,000	145,000	150,000	-	-	-	-
Interest Payment Schedule	58,427	56,107	53,728	51,289	48,789	46,226	43,599	40,905	38,144	35,313	32,411	29,436	26,387	23,260	20,055	16,769	13,401	9,948	6,408	2,779	-	-	-	
	148,427	151,107	148,728	151,289	148,789	151,226	148,599	150,905	153,144	150,313	152,411	149,436	151,387	153,260	150,055	151,769	148,401	149,948	151,408	152,779	-	-	-	
State Revolving Fund Loan 5211-01 G.O. - LT																								
Date of Issuance: 4/9/2014																								
Original Amount: \$2,914,584																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	130,000	135,000	140,000	145,000	145,000	150,000	155,000	160,000	165,000	170,000	175,000	180,000	185,000	185,000	190,000	195,000	200,000	205,000	210,000	-	-	-	-	-
Interest Payment Schedule	77,970	69,815	66,240	62,740	59,115	55,490	51,740	47,865	43,990	39,990	35,865	31,615	27,240	22,740	18,115	13,490	8,740	3,865	1,135	2,200	-	-	-	
	207,970	204,815	206,240	207,740	204,115	205,490	206,740	202,865	203,990	204,990	205,865	206,615	207,240	207,740	203,115	203,490	203,740	203,865	206,135	212,200	-	-	-	
2012 Sewer Revenue Refunding Bond G.O. - LT																								
Date of Issuance: 12/27/2012																								
Original Amount: \$21,765,000																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,575,000	1,575,000	1,575,000	1,575,000	1,575,000	1,575,000	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	861,188	799,188	737,188	690,688	613,188	535,688	458,188	380,688	303,188	224,438	145,688	98,438	49,219	-	-	-	-	-	-	-	-	-	-	
	2,411,188	2,349,188	2,287,188	2,240,688	2,163,188	2,085,688	2,008,188	1,930,688	1,878,188	1,799,438	1,720,688	1,673,438	1,624,219	-	-	-	-	-	-	-	-	-	-	

Key:
G.O. - LT = General Obligation Limited Tax
G.O. - UT = General Obligation Unlimited Tax (voted tax millage)
IPC = Installment Purchase Contract

Type	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039
2009 Build America Bonds																								
G.O. - LT																								
Date of Issuance: 7/22/2009																								
Original Amount: \$9,803,000																								
Repayment Source: Sewer Revenues																								
Principal Payment Schedule	255,000	275,000	295,000	320,000	345,000	370,000	395,000	425,000	455,000	485,000	515,000	545,000	575,000	610,000	640,000	675,000	710,000	745,000	785,000	-	-	-	-	-
Interest Payment Schedule	404,294	395,923	386,539	375,801	363,737	350,282	335,491	319,444	301,902	282,826	262,178	239,582	215,670	190,068	162,908	133,580	102,648	70,112	35,973	-	-	-	-	-
	659,294	670,923	681,539	695,801	708,737	720,282	730,491	744,444	756,902	767,826	777,178	784,582	790,670	800,068	802,908	808,580	812,648	815,112	820,973	-	-	-	-	-
Total - Sewer-Supported Debt	16,069,157	15,329,286	15,056,255	14,727,091	14,368,556	12,954,531	12,246,086	11,503,242	11,438,015	10,544,221	9,795,201	9,006,011	8,248,422	5,631,959	4,326,876	2,598,929	2,600,788	1,687,337	1,178,516	364,979	-	-	-	-
2012 Public Service Facility Refundin																								
IPC																								
Date of Issuance: 1/15/2013																								
Original Amount: \$465,000																								
Repayment Source: Internal Service Fund Revenues																								
Principal Payment Schedule	155,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	3,720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	158,720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013 Recycling Cart/Truck IPC																								
IPC																								
Date of Issuance: 9/12/2013																								
Original Amount: \$3,288,555																								
Repayment Source: Internal Service Fund Revenues																								
Principal Payment Schedule	394,864	402,641	410,572	418,658	426,904	435,313	443,887	223,964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	59,948	52,171	44,240	36,154	27,908	19,499	10,925	3,298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	454,812	454,812	454,812	454,812	454,812	454,812	454,812	227,261	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014 Technology Bonds																								
G.O. - LT																								
Date of Issuance: 8/28/2014																								
Original Amount: \$2,275,000																								
Repayment Source: Internal Service Fund Revenues																								
Principal Payment Schedule	755,000	770,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	26,725	15,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	781,725	785,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014 Fleet Equipment IPC																								
IPC																								
Date of Issuance: 10/1/2014																								
Original Amount: \$491,291																								
Repayment Source: Internal Service Fund Revenues																								
Principal Payment Schedule	162,565	134,915	53,349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	5,333	2,983	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	167,898	137,898	53,949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012 Fleet Equipment IPC																								
IPC																								
Date of Issuance: 5/30/2013																								
Original Amount: \$1,892,332																								
Repayment Source: Internal Service Fund Revenues																								
Principal Payment Schedule	373,701	385,262	397,180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	32,647	21,087	9,168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	406,348	406,348	406,348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010 Fleet Facility Bonds																								
G.O. - LT																								
Date of Issuance: 12/28/2010																								
Original Amount: \$3,200,000																								
Repayment Source: Internal Service Fund Revenues																								
Principal Payment Schedule	145,000	150,000	155,000	160,000	165,000	170,000	175,000	180,000	190,000	195,000	205,000	210,000	220,000	225,000	235,000	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	100,397	97,008	92,965	88,362	82,906	77,279	71,155	64,851	58,366	50,999	43,438	35,489	27,115	18,343	9,371	-	-	-	-	-	-	-	-	-
	245,397	247,008	247,965	248,362	247,906	247,279	246,155	244,851	248,366	245,999	248,438	245,489	247,115	243,343	244,371	-	-	-	-	-	-	-	-	-
Total - Internal Service Fund-Supported Debt	2,214,900	2,031,466	1,163,075	703,174	702,718	702,091	700,967	472,112	248,366	245,999	248,438	245,489	247,115	243,343	244,371	-	-	-	-	-	-	-	-	-
2012 Refunding Bonds																								
G.O. - LT																								
Date of Issuance: 12/27/2012																								
Original Amount: \$7,200,000																								
Repayment Source: Parking System Revenues																								
Principal Payment Schedule	400,000	405,000	410,000	415,000	425,000	435,000	440,000	455,000	465,000	480,000	495,000	510,000	525,000	545,000	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	164,490	160,890	156,030	149,675	142,413	133,700	123,913	113,133	101,075	87,125	72,485	56,398	38,803	20,165	-	-	-	-	-	-	-	-	-	-
	564,490	565,890	566,030	564,675	567,413	568,700	563,913	568,133	566,075	567,125	567,485	566,398	563,803	565,165	-	-	-	-	-	-	-	-	-	-
2009 Building Authority Refunding Bc																								
G.O. - LT																								
Date of Issuance: 10/8/2009																								
Original Amount: \$8,161,691																								
Repayment Source: Parking System Revenues																								
Principal Payment Schedule	-	-	-	-	-	2,132,942	2,062,630	2,014,483	1,951,636	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	189,488	189,488	189,488	189,488	189,488	1,591,546	1,660,518	1,713,575	1,772,304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	189,488	189,488	189,488	189,488	189,488	3,724,488	3,723,148	3,728,058	3,723,940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Key:
G.O. - LT = General Obligation Limited Tax
G.O. - UT - General Obligation Unlimited Tax (voted tax millage)
IPC = Installment Purchase Contract

Type	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039
2007 Building Authority Refunding Bc G.O. - LT																								
Date of Issuance: 3/29/2007																								
Original Amount: \$7,965,000																								
Repayment Source: Parking System Revenues																								
Principal Payment Schedule	415,000	435,000	455,000	475,000	495,000	515,000	535,000	555,000	580,000	600,000	625,000	660,000	685,000	710,000	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	328,388	307,638	285,888	267,688	248,688	228,888	208,288	186,219	163,325	139,400	113,900	87,338	59,288	30,175	-	-	-	-	-	-	-	-	-	-
	743,388	742,638	740,888	742,688	743,688	743,888	743,288	741,219	743,325	739,400	738,900	747,338	744,288	740,175	-	-	-	-	-	-	-	-	-	-
2005 Building Authority Refunding Bc G.O. - LT																								
Date of Issuance: 12/28/2005																								
Original Amount: \$15,975,000																								
Repayment Source: Parking System Revenues																								
Principal Payment Schedule	980,000	1,025,000	1,080,000	1,130,000	1,190,000	1,250,000	1,305,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payment Schedule	382,032	333,032	281,782	227,782	171,282	111,782	57,094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1,362,032	1,358,032	1,361,782	1,357,782	1,361,282	1,361,782	1,362,094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2014 Building Authority Refunding Bc G.O. - LT																								
Date of Issuance: 9/29/2014																								
Original Amount: \$7,245,000																								
Repayment Source: Parking System Revenues																								
Principal Payment Schedule	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	765,000	805,000	840,000	880,000.00	920,000.00	965,000.00	1,010,000.00	1,060,000.00
Interest Payment Schedule	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	307,800	269,563	229,662.50	187,862.50	144,162.50	98,325.00	50,350.00
	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	344,138	1,109,138	1,112,800	1,109,563	1,109,663	1,107,863	1,109,163	1,108,325	1,110,350
Total - Parking System Debt	3,203,535	3,200,185	3,202,325	3,198,770	3,206,007	6,742,995	6,736,579	5,381,546	5,377,478	1,650,663	1,650,523	1,657,873	1,652,228	1,649,478	344,138	344,138	1,109,138	1,112,800	1,109,563	1,109,663	1,107,863	1,109,163	1,108,325	1,110,350

Key:
G.O. - LT = General Obligation Limited Tax
G.O. - UT = General Obligation Unlimited Tax (voted tax millage)
IPC = Installment Purchase Contract