

Michigan Department of Treasury  
Revenue Sharing and Grants Division  
PO Box 30722  
Lansing MI 48909

**RE: Compliance Form 4886 for Macomb Township, MI Transparency & Accountability**

The Macomb Township is pleased to submit form 4886 with the required documents per Public Act 207, in compliance with the State of Michigan's Transparency and Accountability Initiative.

The Macomb Township has chosen to use a web-service for this requirement, and has partnered with Munetrix to showcase our data.

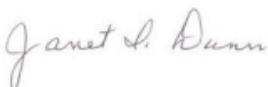
**Included with this letter are the required documents for Macomb Township's:**

- Citizen's Guide to Finances including our Pension and OPEB status
- Performance Dashboard
- Debt Service Report
- Projected Budget Report

We have made the data available to the public via a link on our website; as well we will make available limited quantities of paper copies in our municipality lobby and notify residents in our periodic mailings. You will find the confirmation of our website link and various supporting transparency documentation included with this letter.

We look forward to receiving these important funds from the State of Michigan and trust you will contact us if there are any questions or concerns.

Sincerely,



Janet I. Dunn  
Supervisor

Michigan Department of Treasury  
(Recreated) 4886 (Rev. 09-18)

**City, Village, and Township Revenue Sharing and County Incentive Program Certification**

Issued under authority of 2018 Public Act 207. 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 2018 Public Act 207. The local unit must include in any mailing of general information to its citizens, the Internet website address or the physical location where all the documents are available for public viewing in the clerk's office.
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, 2018**, (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 Macomb Township		Local Unit County Name Macomb County	
Local Unit Code 501080		Contact E-Mail Address smiths@macomb-mi.gov	
Contact Name Stacy Smith	Contact Title Finance Director	Contact Telephone Number 5862559390	Extension
Website Address, if reports are available online <a href="http://munetrix.com/sections/data/municipal.php?MuniID=1506&amp;Type=Township">http://munetrix.com/sections/data/municipal.php?MuniID=1506&amp;Type=Township</a>			Current Fiscal Year End Date 2018-06-30
PART 2: CITIZEN'S GUIDE			
Check any of the following that apply:			
<input type="checkbox"/> The local unit has elected to use Treasury's online Citizen's Guide to comply with the legislative requirements. Therefore, a copy of the Citizen's Guide will not be submitted to Treasury.			
<input type="checkbox"/> The local unit does not have any unfunded liabilities (pensions or other postemployment benefits (OPEB)).			
PART 3: CERTIFICATION			
<i>In accordance with 2018 Public Act 207, 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 and 2) will include in any mailing of general information to our citizens, the Internet website address or the physical location where all the documents are available for public viewing in the clerk's office. The Citizen's Guide, Performance Dashboard, Debt Service Report, and Projected Budget Report are attached to this signed certification, unless otherwise noted in Part 2.</i>			
Chief Administrative Officer Signature (as defined in MCL 141.422b) 		Printed Name of Chief Administrative Officer (as defined in MCL 141.422b) Janet I. Dunn	
Title Supervisor		Date November 27, 2018	

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  
Revenue Sharing and Grants Division  
PO Box 30722  
Lansing MI 48909

TREASURY USE ONLY		
CVTRS/CIP Eligible <p style="text-align: center;">Y   N</p>	Certification Received	Citizen's Guide Received
Performance Dashboard Received	Debt Service Report Received	Projected Budget Report Received
Final Certification	CVTRS/CIP Notes	

# General Info

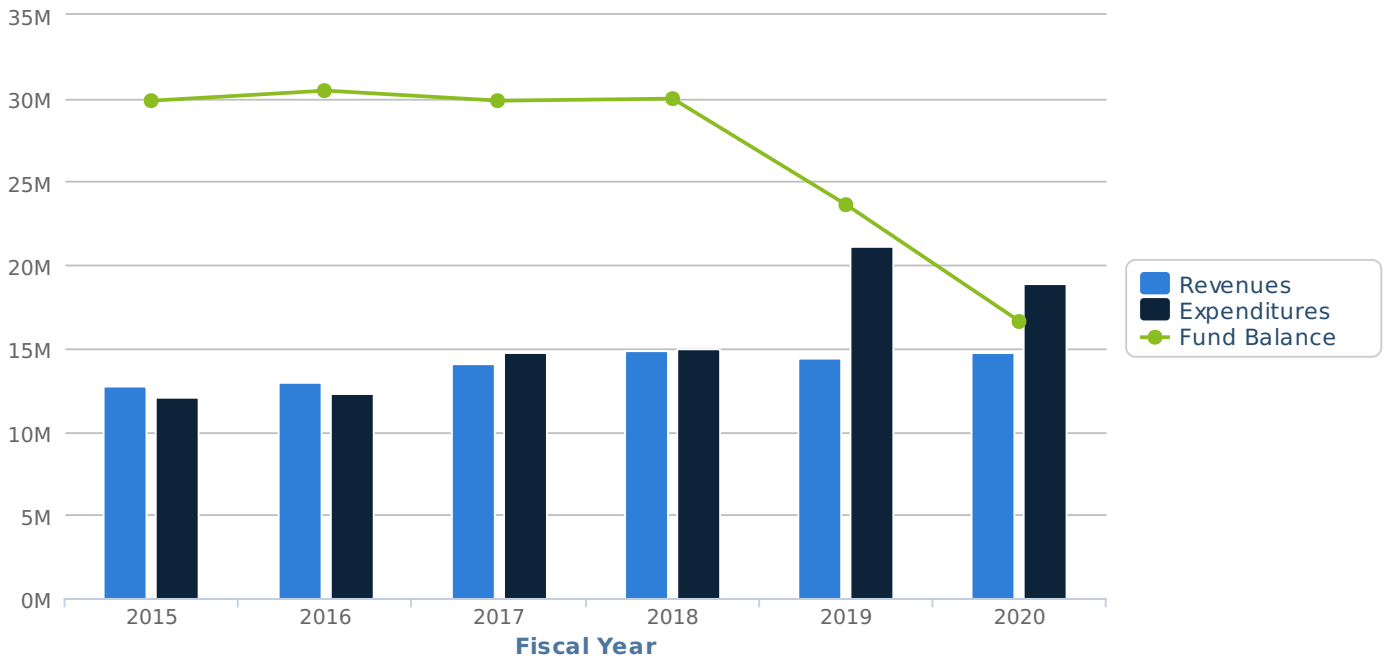
Name	Type	Fiscal Year End	Population (2010)	Phone	Website
Macomb Township	Township	June	79,674	(586) 992-0710	http://www.macomb-mi.gov/

# Multi-Year General Fund Only

Year	Data Status	Fiscal Score	Population	General Fund Revenues	General Fund Expenditures	*Available Fund Balance	Taxable Value
2020	Forecast	0	89,580	\$14,737,956	\$18,928,598	\$16,597,658	\$3,546,561,067
2019	Budget	0	88,702	\$14,448,976	\$21,116,504	\$23,609,702	\$3,477,020,654
2018	Audited	0	87,815	\$14,905,772	\$14,952,664	\$29,977,590	\$3,194,392,833
2017	Historic	0	104,933	\$14,132,332	\$14,736,892	\$29,855,276	\$3,287,383,840
2016	Historic	0	95,953	\$12,928,107	\$12,332,413	\$30,459,968	\$3,161,522,620
2015	Historic	0	86,973	\$12,736,215	\$12,111,122	\$29,856,093	\$3,090,743,168

\*Available Fund Balance includes Committed, Assigned, and Unassigned Funds. It excludes Nonspendable and Restricted Funds.

### How We Have Managed Our Resources



# Fiscal Year Assumptions Notes

## 2020 Notes:

### Revenue

- Taxable value is expected to increase around 2% driving a slight increase in ad valorem tax revenues.
- Anticipated slight increase in building and licenses fees.
- Anticipated increase in State Revenue Sharing.

### Expenditures

- Total expenditures to be consistent with prior years.
- Salary and benefits will have a slight increase in the upcoming year.
- Health care costs may also have a slight increase as well.
- All other expenditures will be contained in an effort to continue to provide appropriate levels of service to our residents.

# Financial Statement

Including General Fund only

## Balance Sheet

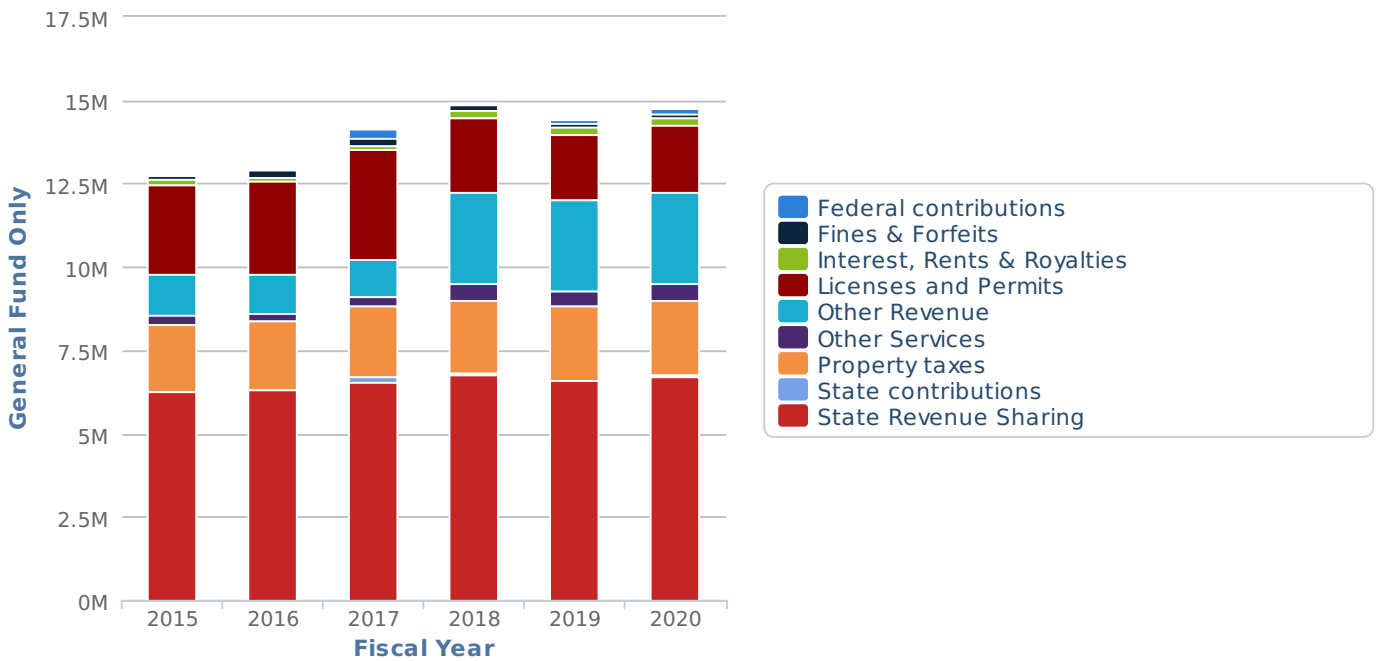
Category Name	2020	2019	2018	2017	2016	2015
Fund Equity	\$16,597,658	\$23,609,702	\$30,277,230	\$30,324,125	\$30,928,817	\$30,333,123
Total Assets	N/A	N/A	N/A	\$18,231,673	\$32,453,824	\$32,210,680
Total Liabilities	N/A	N/A	\$-2,591,527	\$1,676,041	\$1,525,007	\$1,877,557

\*Fund Equity includes all five fund types: Committed, Assigned, Unassigned, Nonspendable and Restricted Funds.

## Revenues

Category Name	2020	2019	2018	2017	2016	2015
Federal contributions	\$138,720	\$136,000	\$26,917	\$288,181	\$18,128	
Fines & Forfeits	\$138,465	\$135,750	\$183,822	\$226,950	\$195,438	\$124,623
Interest, Rents & Royalties	\$204,000	\$200,000	\$213,601	\$113,093	\$139,707	\$118,842
Licenses and Permits	\$2,013,990	\$1,974,500	\$2,249,727	\$3,267,121	\$2,781,663	\$2,695,686
Other Revenue	\$2,764,282	\$2,710,080	\$2,734,226	\$1,118,606	\$1,162,628	\$1,225,943
Other Services	\$493,319	\$483,646	\$486,527	\$284,316	\$245,789	\$299,517
Property taxes	\$2,242,980	\$2,199,000	\$2,214,078	\$2,131,106	\$2,081,947	\$2,005,353
State contributions	\$10,200	\$10,000	\$7,147	\$137,967		
State Revenue Sharing	\$6,732,000	\$6,600,000	\$6,789,726	\$6,564,992	\$6,302,807	\$6,266,251
<b>Total</b>	<b>\$14,737,956</b>	<b>\$14,448,976</b>	<b>\$14,905,772</b>	<b>\$14,132,332</b>	<b>\$12,928,107</b>	<b>\$12,736,215</b>

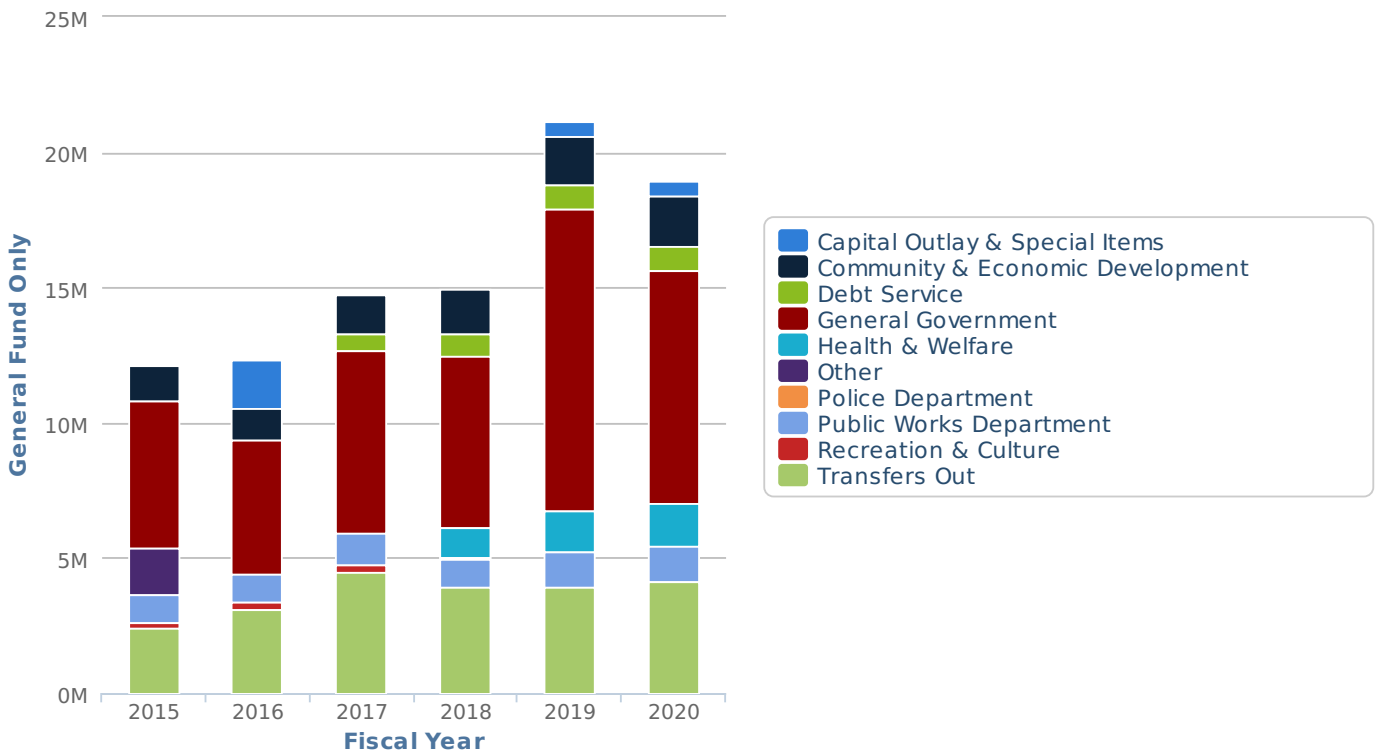
### Where The Money Comes From



## Expenses

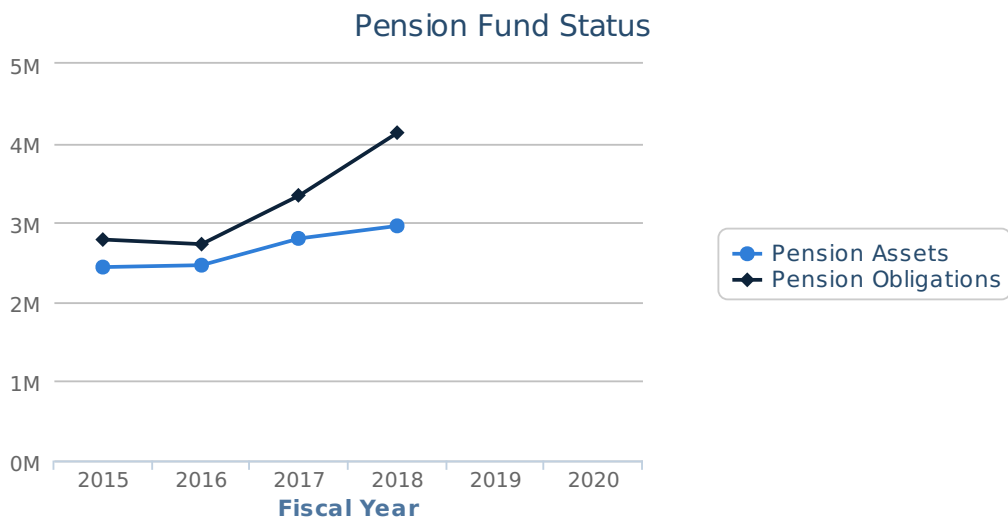
Category Name	2020	2019	2018	2017	2016	2015
Capital Outlay & Special Items	\$515,000	\$500,000			\$1,795,771	
Community & Economic Development	\$1,887,107	\$1,832,143	\$1,627,200	\$1,454,569	\$1,185,769	\$1,292,622
Debt Service	\$926,356	\$899,375	\$846,900	\$613,050		
General Government	\$8,602,154	\$11,149,081	\$6,321,870	\$6,721,510	\$4,951,166	\$5,446,870
Health & Welfare	\$1,558,183	\$1,512,800	\$1,148,337			
Other						\$1,742,024
Police Department	\$16,892	\$16,400	\$15,457			
Public Works Department	\$1,292,650	\$1,255,000	\$1,049,108	\$1,202,029	\$1,031,204	\$990,473
Recreation & Culture				\$250,184	\$275,103	\$245,958
Transfers Out	\$4,130,256	\$3,951,705	\$3,943,793	\$4,495,550	\$3,093,400	\$2,393,175
<b>Total</b>	<b>\$18,928,598</b>	<b>\$21,116,504</b>	<b>\$14,952,664</b>	<b>\$14,736,892</b>	<b>\$12,332,413</b>	<b>\$12,111,122</b>

### How The Money Is Spent



## Supplementary Information (Pension / OPEB)

Category Name	2020	2019	2018	2017	2016	2015
Pensions Actuarial Liability	N/A	N/A	\$4,132,039	\$3,342,047	\$2,726,731	\$2,784,593
Pension Fund Assets	N/A	N/A	\$2,957,396	\$2,799,375	\$2,461,901	\$2,437,849
OPEB Actuarial Liability	N/A	N/A	\$25,663,087	\$20,496,848	\$19,993,872	\$19,993,872
OPEB Fund Assets	N/A	N/A	\$25,494,920	\$23,320,740	\$20,341,571	\$18,895,105

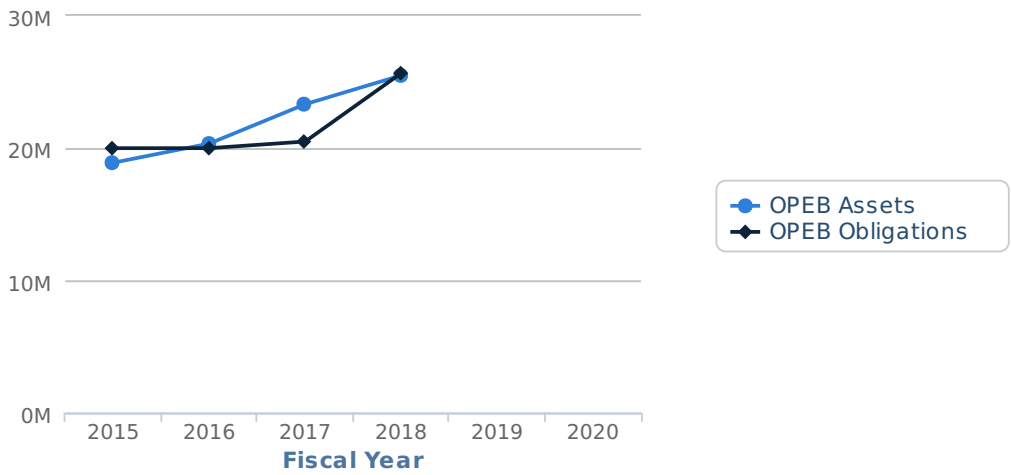


#### Pension Notes:

Macomb Township's Pension Actuarial Report is updated every year. For this presentation actual values were updated through June 30, 2018.



### Other Post-Employment Benefit Fund Status



**OPEB Notes:**

Macomb Township's Retiree Health Care Actuarial Report is updated every two years. The most recent year calculated is through June 30, 2018.

## Fund Equity Detail

Category Name	2020	2019	2018	2017	2016	2015
Assigned			\$6,667,528	\$4,628,084	\$4,669,930	\$3,369,529
Nonspendable			\$299,640	\$468,849		\$477,030
Restricted					\$468,849	
Unassigned	\$16,597,658	\$23,609,702	\$23,310,062	\$25,227,192	\$25,790,038	\$26,486,564

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Fiscal Stability	2017	2018	Progress
Fiscal Wellness Indicator Score	0	0	↔
Annual General Fund expenditures per capita	\$140	\$170	↓
Fund balance as % of General Fund Revenues <b>i</b>	211.3%	201.1%	↓
Other Post Employment Benefits % Funded	113.8%	99.3%	↓
Pension % Funded <b>i</b>	83.8%	71.6%	↓
Debt burden per capita <b>i</b>	\$251.3	\$238.6	↑

Economy & Financial Health	2017	2018	Progress
Population <b>i</b>	104,933	87,815	↓
Taxable Value (100k) <b>i</b>	\$3,287,384	\$3,194,393	↓

Economic Development	2017	2018	Progress
Residential Building Permits	501	-	↓
Residential Property Foreclosures	-	-	↔

Public Safety	2016	2017	Progress
Crimes against persons per thousand residents <b>i</b>	4.4	4.2	↑
Crimes against property per thousand residents <b>i</b>	11.7	9.7	↑
Crimes against society per thousand residents <b>i</b>	4.5	3.3	↑
Other crimes per thousand residents <b>i</b>	1.5	1.2	↑
Traffic crashes property <b>i</b>	1,496	1,328	↑
Traffic crashes injuries <b>i</b>	404	381	↑
Traffic crashes fatalities <b>i</b>	6	2	↑

School District Enrollment	2017	2018	Progress
Chippewa Valley Schools	16,235	16,272	↔
LAnse Creuse Public Schools	10,709	10,521	↓
New Haven Community Schools	1,272	-	↓
Utica Community Schools	27,977	27,410	↓

Percent of Governmental Funds committed to arts culture and recreation	8.15%	-	
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**Pension Notes:**

Macomb Township's Pension Actuarial Report is updated every year. For this presentation actual values were updated through June 30, 2018.

**OPEB Notes:**

Macomb Township's Retiree Health Care Actuarial Report is updated every two years. The most recent year calculated is through June 30, 2018.

[Print](#)

**Macomb Township**  
**Local Code: 50-1080**  
**Debt Service Summary Report**

**Bonds & contracts payable**

**Fiscal Years**

<b>Name</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Building Authority Bond: 2018		847,370	1,446,950	1,481,950
Building Authority Refunding Bond: 2011	989,650	1,051,250	1,111,250	1,127,875
Building Authority Refunding Bond: 2012	1,506,200	1,456,000	1,581,000	1,729,200
Building Authority Refunding Bond: 2015	1,200,650	1,150,200	1,090,400	1,036,400
Capital Improvement and Refunding Bonds: 2010	883,019	863,819	867,581	873,347
Clintondale Pump Station Improvements: 2011	308,872	314,119	318,709	322,644
Limited Tax General Obligation Refunding Bond: 2014	428,357	402,740		
Macomb Interceptor Drain Drainage District 2017A: 2017A	1,419,338	1,489,478	1,490,188	2,980,396
North Gratiot Interceptor: 2010	8,318	8,252	8,171	8,078
North Gratiot Interceptor: 2015	71,989	82,941	81,048	78,880
Oakland Macomb Interceptor: 2014A	43,167	43,549	43,451	43,806
Oakland Macomb Interceptor: 2010B	37,576	37,766	37,843	37,830
Oakland Macomb Interceptor: 2010A	112,751	112,784	113,105	113,028
Oakland Macomb Interceptor: 2013A	280,622	280,514	280,348	280,448
SRF-5624-01 MACOMB INTERCEPTOR DRAINAGE DIST: 2015A	30,213	31,657	31,819	31,963
<b>Subtotal for Bonds &amp; contracts payable</b>	<b>\$7,320,722</b>	<b>\$8,172,440</b>	<b>\$8,501,862</b>	<b>\$10,145,844</b>
<b>Total Principal &amp; Interest</b>	<b>\$7,320,722</b>	<b>\$8,172,440</b>	<b>\$8,501,862</b>	<b>\$10,145,844</b>

## Macomb Township Complete Debt Report for Building Authority Bond: 2018

### Issuance Information

<b>Debt Type:</b>	Bonds & contracts payable
<b>Activity Type:</b>	Government
<b>Repayment Source:</b>	General Obligation
<b>Issuance Date:</b>	2018-10-25
<b>Issuance Amount:</b>	\$14,010,000
<b>Interest Rate:</b>	4%-5%
<b>Maturing Through:</b>	2038
<b>Principal Maturity Range:</b>	\$460,000 - \$970,000
<b>Series:</b>	2018

### Payment Schedule

<u>Date Due</u>	<u>Interest Rate</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2019-04-01	5%	555,000.00	292,370.00	847,370.00	\$13,455,000.00
2019-10-01	5%		323,475.00	323,475.00	\$13,455,000.00
2020-04-01	5%	800,000.00	323,475.00	1,123,475.00	\$12,655,000.00
2020-10-01	5%		303,475.00	303,475.00	\$12,655,000.00
2021-04-01	5%	875,000.00	303,475.00	1,178,475.00	\$11,780,000.00
2021-10-01	5%		281,600.00	281,600.00	\$11,780,000.00
2022-04-01	5%	890,000.00	281,600.00	1,171,600.00	\$10,890,000.00
2022-10-01	5%		259,350.00	259,350.00	\$10,890,000.00
2023-04-01	5%	970,000.00	259,350.00	1,229,350.00	\$9,920,000.00
2023-10-01	5%		235,100.00	235,100.00	\$9,920,000.00
2024-04-01	5%	460,000.00	235,100.00	695,100.00	\$9,460,000.00
2024-10-01	5%		223,600.00	223,600.00	\$9,460,000.00
2025-04-01	5%	485,000.00	223,600.00	708,600.00	\$8,975,000.00
2025-10-01	5%		211,475.00	211,475.00	\$8,975,000.00
2026-04-01	5%	510,000.00	211,475.00	721,475.00	\$8,465,000.00
2026-10-01	5%		198,725.00	198,725.00	\$8,465,000.00
2027-04-01	5%	535,000.00	198,725.00	733,725.00	\$7,930,000.00
2027-10-01	5%		185,350.00	185,350.00	\$7,930,000.00
2028-04-01	5%	560,000.00	185,350.00	745,350.00	\$7,370,000.00
2028-10-01	5%		171,350.00	171,350.00	\$7,370,000.00
2029-04-01	5%	590,000.00	171,350.00	761,350.00	\$6,780,000.00
2029-10-01	5%		156,600.00	156,600.00	\$6,780,000.00
2030-04-01	5%	615,000.00	156,600.00	771,600.00	\$6,165,000.00
2030-10-01	5%		141,225.00	141,225.00	\$6,165,000.00

2031-04-01	5%	650,000.00	141,225.00	791,225.00	\$5,515,000.00
2031-10-01	5%		124,975.00	124,975.00	\$5,515,000.00
2032-04-01	5%	680,000.00	124,975.00	804,975.00	\$4,835,000.00
2032-10-01	5%		107,975.00	107,975.00	\$4,835,000.00
2033-04-01	5%	715,000.00	107,975.00	822,975.00	\$4,120,000.00
2033-10-01	5%		90,100.00	90,100.00	\$4,120,000.00
2034-04-01	5%	750,000.00	90,100.00	840,100.00	\$3,370,000.00
2034-10-01	5%		71,350.00	71,350.00	\$3,370,000.00
2035-04-01	5%	790,000.00	71,350.00	861,350.00	\$2,580,000.00
2035-10-01	5%		51,600.00	51,600.00	\$2,580,000.00
2036-04-01	4%	825,000.00	51,600.00	876,600.00	\$1,755,000.00
2036-10-01	4%		35,100.00	35,100.00	\$1,755,000.00
2037-04-01	4%	860,000.00	35,100.00	895,100.00	\$895,000.00
2037-10-01	4%		17,900.00	17,900.00	\$895,000.00
2038-04-01	4%	895,000.00	17,900.00	912,900.00	\$0.00

Totals		\$14,010,000.00	\$6,673,020.00	\$20,683,020.00	
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**Macomb Township  
Complete Debt Report for  
Building Authority Refunding Bond: 2011**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Government  
**Repayment Source:** Internal Service Funds  
**Issuance Date:** 2011-03-01  
**Issuance Amount:** \$8,470,000  
**Maturing Through:** 2027  
**Principal Maturity Range:** \$275,000 - \$940,000  
**Series:** 2011  
**Purpose:** Debt Retirement

**Payment Schedule**

<b><u>Date Due</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Payment</u></b>	<b><u>Balance</u></b>
2018-06-30	710,000.00	279,650.00	989,650.00	\$5,955,000.00
2019-06-30	800,000.00	251,250.00	1,051,250.00	\$5,155,000.00
2020-06-30	890,000.00	221,250.00	1,111,250.00	\$4,265,000.00
2021-06-30	940,000.00	187,875.00	1,127,875.00	\$3,325,000.00
2022-06-30	925,000.00	150,275.00	1,075,275.00	\$2,400,000.00
2023-06-30	485,000.00	110,962.50	595,962.50	\$1,915,000.00
2024-06-30	485,000.00	89,743.76	574,743.76	\$1,430,000.00
2025-06-30	480,000.00	67,918.76	547,918.76	\$950,000.00
2026-06-30	475,000.00	45,718.76	520,718.76	\$475,000.00
2027-06-30	475,000.00	23,156.26	498,156.26	
<b>Totals</b>	<b>\$6,665,000.00</b>	<b>\$1,427,800.04</b>	<b>\$8,092,800.04</b>	



**Macomb Township  
Complete Debt Report for  
Building Authority Refunding Bond: 2012**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Government  
**Repayment Source:** Internal Service Funds  
**Issuance Date:** 2012-06-29  
**Issuance Amount:** \$13,390,000  
**Maturing Through:** 2025  
**Principal Maturity Range:** \$870,000 - \$1,640,000  
**Series:** 2012

**Payment Schedule**

<b><u>Date Due</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Payment</u></b>	<b><u>Balance</u></b>
2018-01-01	1,130,000.00	376,200.00	1,506,200.00	\$8,715,000.00
2019-01-01	1,125,000.00	331,000.00	1,456,000.00	\$7,590,000.00
2020-01-01	1,295,000.00	286,000.00	1,581,000.00	\$6,295,000.00
2021-01-01	1,495,000.00	234,200.00	1,729,200.00	\$4,800,000.00
2022-01-01	1,640,000.00	174,400.00	1,814,400.00	\$3,160,000.00
2023-01-01	1,400,000.00	108,800.00	1,508,800.00	\$1,760,000.00
2024-01-01	885,000.00	52,800.00	937,800.00	\$875,000.00
2025-01-01	875,000.00	26,250.00	901,250.00	
<b>Totals</b>	<b>\$9,845,000.00</b>	<b>\$1,589,650.00</b>	<b>\$11,434,650.00</b>	

**Macomb Township  
Complete Debt Report for  
Building Authority Refunding Bond: 2015**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Government  
**Repayment Source:** Internal Service Funds  
**Issuance Date:** 2015-03-19  
**Issuance Amount:** \$6,805,000  
**Maturing Through:** 2022  
**Principal Maturity Range:** \$950,000 - \$1,015,000  
**Series:** 2015

**Payment Schedule**

<b><u>Date Due</u></b>	<b><u>Interest Rate</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Payment</u></b>	<b><u>Balance</u></b>
2017-10-01	3%		92,825.00	92,825.00	\$4,895,000.00
2018-04-01	3%	1,015,000.00	92,825.00	1,107,825.00	\$3,880,000.00
2018-10-01	4%		77,600.00	77,600.00	\$3,880,000.00
2019-04-01	4%	995,000.00	77,600.00	1,072,600.00	\$2,885,000.00
2019-10-01	4%		57,700.00	57,700.00	\$2,885,000.00
2020-04-01	4%	975,000.00	57,700.00	1,032,700.00	\$1,910,000.00
2020-10-01	4%		38,200.00	38,200.00	\$1,910,000.00
2021-04-01	4%	960,000.00	38,200.00	998,200.00	\$950,000.00
2021-10-01	4%		19,000.00	19,000.00	\$950,000.00
2022-04-01	4%	950,000.00	19,000.00	969,000.00	
Totals		\$4,895,000.00	\$570,650.00	\$5,465,650.00	

**Macomb Township  
Complete Debt Report for  
Capital Improvement and Refunding Bonds: 2010**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Water  
**Issuance Date:** 2010-12-01  
**Issuance Amount:** \$9,805,000  
**Maturing Through:** 2031  
**Principal Maturity Range:** \$280,000 - \$695,000  
**Series:** 2010  
**Purpose:** Water & Sewer

**Payment Schedule**

<b><u>Date Due</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Payment</u></b>	<b><u>Balance</u></b>
2018-01-01	640,000.00	243,019.00	883,019.00	\$5,695,000.00
2019-01-01	640,000.00	223,819.00	863,819.00	\$5,055,000.00
2020-01-01	665,000.00	202,581.00	867,581.00	\$4,390,000.00
2021-01-01	695,000.00	178,347.00	873,347.00	\$3,695,000.00
2022-01-01	695,000.00	152,719.00	847,719.00	\$3,000,000.00
2023-01-01	280,000.00	134,088.00	414,088.00	\$2,720,000.00
2024-01-01	290,000.00	122,688.00	412,688.00	\$2,430,000.00
2025-01-01	300,000.00	110,513.00	410,513.00	\$2,130,000.00
2026-01-01	315,000.00	97,444.00	412,444.00	\$1,815,000.00
2027-01-01	330,000.00	82,500.00	412,500.00	\$1,485,000.00
2028-01-01	345,000.00	65,625.00	410,625.00	\$1,140,000.00
2029-01-01	360,000.00	48,000.00	408,000.00	\$780,000.00
2030-01-01	380,000.00	29,500.00	409,500.00	\$400,000.00
2031-01-01	400,000.00	10,000.00	410,000.00	
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Totals	\$6,335,000.00	\$1,700,843.00	\$8,035,843.00	

**Macomb Township  
Complete Debt Report for  
Clintondale Pump Station Improvements: 2011**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2011-10-18  
**Issuance Amount:** \$4,039,605  
**Maturing Through:** 2031  
**Principal Maturity Range:** \$118,040 - \$327,890  
**Series:** 2011

**Payment Schedule**

<b><u>Date Due</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Payment</u></b>	<b><u>Balance</u></b>
2018-01-01	157,387.00	151,485.00	308,872.00	\$3,180,533.00
2019-01-01	170,503.00	143,616.00	314,119.00	\$3,010,030.00
2020-01-01	183,618.00	135,091.00	318,709.00	\$2,826,412.00
2021-01-01	196,734.00	125,910.00	322,644.00	\$2,629,678.00
2022-01-01	209,850.00	116,073.00	325,923.00	\$2,419,828.00
2023-01-01	216,407.00	105,581.00	321,988.00	\$2,203,421.00
2024-01-01	229,523.00	94,760.00	324,283.00	\$1,973,898.00
2025-01-01	242,639.00	83,284.00	325,923.00	\$1,731,259.00
2026-01-01	255,754.00	71,152.00	326,906.00	\$1,475,505.00
2027-01-01	262,312.00	58,364.00	320,676.00	\$1,213,193.00
2028-01-01	281,985.00	48,528.00	330,513.00	\$931,208.00
2029-01-01	295,101.00	37,248.00	332,349.00	\$636,107.00
2030-01-01	308,217.00	25,444.00	333,661.00	\$327,890.00
2031-01-01	327,890.00	13,116.00	341,006.00	\$0.00
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Totals	\$3,337,920.00	\$1,209,652.00	\$4,547,572.00	

**Macomb Township  
Complete Debt Report for  
Limited Tax General Obligation Refunding Bond: 2014**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Water  
**Issuance Date:** 2014-05-28  
**Issuance Amount:** \$2,085,000  
**Maturing Through:** 2019  
**Principal Maturity Range:** \$380,000 - \$450,000  
**Series:** 2014

**Payment Schedule**

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2018-01-01	420,000.00	8,357.00	428,357.00	\$400,000.00
2019-01-01	400,000.00	2,740.00	402,740.00	
Totals	\$820,000.00	\$11,097.00	\$831,097.00	

**Macomb Township  
Complete Debt Report for  
Macomb Interceptor Drain Drainage District 2017A: 2017A**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2017-06-07  
**Issuance Amount:** \$19,249,777  
**Interest Rate:** 3%-5%  
**Maturing Through:** 2042  
**Principal Maturity Range:** \$417,014 - \$1,287,442  
**Series:** 2017A

**Payment Schedule**

<b>Date Due</b>	<b>Principal</b>	<b>Interest</b>	<b>Payment</b>	<b>Balance</b>
2018-04-01	617,446.07	801,891.63	1,419,337.70	\$18,632,331.01
2019-04-01	592,115.83	897,361.98	1,489,477.81	\$18,040,215.18
2020-04-01	622,431.37	867,756.18	1,490,187.55	\$17,417,783.81
2021-04-01	653,573.54	836,634.62	1,490,208.16	\$16,764,210.27
2021-04-01	686,231.62	803,955.94	1,490,187.56	\$16,077,978.65
2023-04-01	720,542.94	769,644.36	1,490,187.30	\$15,357,435.71
2024-04-01	756,370.17	733,617.21	1,489,987.38	\$14,601,065.54
2025-04-01	794,402.59	695,798.70	1,490,201.29	\$13,806,662.95
2026-04-01	834,088.26	656,078.57	1,490,166.83	\$12,972,574.69
2027-04-01	875,289.82	614,374.16	1,489,663.98	\$12,097,284.87
2028-04-01	918,971.27	570,609.67	1,489,580.94	\$11,178,313.60
2029-04-01	964,031.28	524,661.11	1,488,692.39	\$10,214,282.32
2030-04-01	1,012,260.44	476,459.54	1,488,719.98	\$9,202,021.88
2031-04-01	1,062,005.50	425,846.52	1,487,852.02	\$8,140,016.38
2032-04-01	1,114,093.10	372,746.24	1,486,839.34	\$7,025,923.28
2033-04-01	1,169,212.50	317,041.59	1,486,254.09	\$5,856,710.78
2034-04-01	1,227,638.41	258,580.97	1,486,219.38	\$4,629,072.37
2035-04-01	1,287,442.87	197,199.05	1,484,641.92	\$3,341,629.50
2036-04-01	417,014.41	158,575.76	575,590.17	\$2,924,615.09
2037-04-01	433,557.13	141,895.18	575,452.31	\$2,491,057.96
2038-04-01	450,789.13	124,552.90	575,342.03	\$2,040,268.83
2039-04-01	473,535.37	102,013.44	575,548.81	\$1,566,733.46
2040-04-01	496,970.89	78,336.67	575,307.56	\$769,762.57
2041-04-01	521,784.97	53,488.13	575,273.10	\$247,977.60
2042-04-01	547,977.60	27,398.88	575,376.48	\$0.00

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Totals	\$19,249,777.08	\$11,506,519.00	\$30,756,296.08
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## Macomb Township Complete Debt Report for North Gratiot Interceptor: 2010

### Issuance Information

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2010-05-11  
**Issuance Amount:** \$103,530  
**Maturing Through:** 2035  
**Principal Maturity Range:** \$3,265 - \$5,950  
**Series:** 2010  
**Purpose:** Water & Sewer

### Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2018-01-01	3,478.00	4,840.00	8,318.00	\$78,508.00
2019-01-01	3,570.00	4,682.00	8,252.00	\$74,938.00
2020-01-01	3,662.00	4,509.00	8,171.00	\$71,276.00
2021-01-01	3,753.00	4,325.00	8,078.00	\$67,523.00
2022-01-01	3,875.00	4,119.00	7,994.00	\$63,648.00
2023-01-01	3,997.00	3,906.00	7,903.00	\$59,651.00
2024-01-01	4,119.00	3,686.00	7,805.00	\$55,532.00
2025-01-01	4,241.00	3,447.00	7,688.00	\$51,291.00
2026-01-01	4,394.00	3,201.00	7,595.00	\$46,897.00
2027-01-01	4,546.00	2,935.00	7,481.00	\$42,351.00
2028-01-01	4,699.00	2,660.00	7,359.00	\$37,652.00
2029-01-01	4,852.00	2,371.00	7,223.00	\$32,800.00
2030-01-01	5,004.00	2,073.00	7,077.00	\$27,796.00
2031-01-01	5,187.00	1,765.00	6,952.00	\$22,609.00
2032-01-01	5,370.00	1,436.00	6,806.00	\$17,239.00
2033-01-01	5,553.00	1,095.00	6,648.00	\$11,686.00
2034-01-01	5,736.00	742.00	6,478.00	\$5,950.00
2035-01-01	5,950.00	378.00	6,328.00	
Totals	\$81,986.00	\$52,170.00	\$134,156.00	



## Macomb Township Complete Debt Report for North Gratiot Interceptor: 2015

### Issuance Information

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2015-08-06  
**Issuance Amount:** \$846,752  
**Maturing Through:** 2033  
**Principal Maturity Range:** \$34,886 - \$57,563  
**Series:** 2015

### Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2018-01-01	35,135.95	36,853.50	71,989.45	\$776,728.83
2019-01-01	47,844.70	35,096.71	82,941.41	\$728,884.13
2020-01-01	48,343.08	32,704.47	81,047.55	\$680,541.05
2021-01-01	48,592.27	30,287.32	78,879.59	\$631,948.78
2022-01-01	48,592.27	27,857.70	76,449.97	\$583,356.51
2023-01-01	48,343.08	25,428.09	73,771.17	\$535,013.43
2024-01-01	48,343.08	23,010.93	71,354.01	\$486,670.35
2025-01-01	48,343.09	20,593.78	68,936.87	\$438,327.27
2026-01-01	53,576.10	18,176.63	71,752.73	\$384,751.17
2027-01-01	53,576.10	15,497.82	69,073.92	\$331,175.07
2028-01-01	53,825.29	12,819.02	66,644.31	\$277,349.78
2029-01-01	53,825.29	10,127.75	63,953.04	\$223,524.49
2030-01-01	53,077.72	8,243.87	61,321.59	\$170,446.77
2031-01-01	57,563.16	6,319.80	63,882.96	\$112,883.61
2032-01-01	56,815.58	4,233.13	61,048.71	\$56,068.03
2033-01-01	56,068.01	2,102.55	58,170.56	\$0.00
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Totals	\$811,864.77	\$309,353.07	\$1,121,217.84	

**Macomb Township  
Complete Debt Report for  
Oakland Macomb Interceptor: 2010B**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Water  
**Issuance Date:** 2011-12-16  
**Issuance Amount:** \$452,554  
**Maturing Through:** 2030  
**Principal Maturity Range:** \$16,886 - \$35,124  
**Series:** 2010B  
**Purpose:** Water & Sewer

**Payment Schedule**

<b><u>Date Due</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Payment</u></b>	<b><u>Balance</u></b>
2018-01-01	18,913.00	18,663.00	37,576.00	\$321,178.00
2019-01-01	19,926.00	17,840.00	37,766.00	\$301,252.00
2020-01-01	20,939.00	16,904.00	37,843.00	\$280,313.00
2021-01-01	21,952.00	15,878.00	37,830.00	\$258,361.00
2022-01-01	22,965.00	14,758.00	37,723.00	\$235,396.00
2023-01-01	24,316.00	13,553.00	37,869.00	\$211,080.00
2024-01-01	25,667.00	12,227.00	37,894.00	\$185,413.00
2025-01-01	27,018.00	10,829.00	37,847.00	\$158,395.00
2026-01-01	28,369.00	9,289.00	37,658.00	\$130,026.00
2027-01-01	30,058.00	7,671.00	37,729.00	\$99,968.00
2028-01-01	31,409.00	5,895.00	37,304.00	\$68,559.00
2029-01-01	33,435.00	4,045.00	37,480.00	\$35,124.00
2030-01-01	35,124.00	2,072.00	37,196.00	
<b>Totals</b>	<b>\$340,091.00</b>	<b>\$149,624.00</b>	<b>\$489,715.00</b>	

**Macomb Township  
Complete Debt Report for  
Oakland Macomb Interceptor: 2013A**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2013-06-25  
**Issuance Amount:** \$4,619,982  
**Maturing Through:** 2035  
**Principal Maturity Range:** \$190,076 - \$276,958  
**Series:** 2013A  
**Purpose:** Water & Sewer

**Payment Schedule**

<b>Date Due</b>	<b>Principal</b>	<b>Interest</b>	<b>Payment</b>	<b>Balance</b>
2018-01-01	197,878.00	82,744.45	280,622.45	\$4,038,050.00
2019-01-01	201,778.00	78,735.64	280,513.64	\$3,836,272.00
2020-01-01	205,679.00	74,668.66	280,347.66	\$3,630,593.00
2021-01-01	209,935.00	70,512.52	280,447.52	\$3,420,658.00
2022-01-01	214,190.00	66,271.28	280,461.28	\$3,206,468.00
2023-01-01	218,446.00	61,944.92	280,390.92	\$2,988,022.00
2024-01-01	222,701.00	57,533.45	280,234.45	\$2,765,321.00
2025-01-01	227,311.00	53,033.33	280,344.33	\$2,538,010.00
2026-01-01	231,566.00	48,444.56	280,010.56	\$2,306,444.00
2027-01-01	236,531.00	43,763.58	280,294.58	\$2,069,913.00
2028-01-01	241,141.00	38,987.00	280,128.00	\$1,828,772.00
2029-01-01	246,106.00	34,114.00	280,220.00	\$1,582,666.00
2030-01-01	250,716.00	29,146.00	279,862.00	\$1,331,950.00
2031-01-01	256,035.00	24,079.00	280,114.00	\$1,075,915.00
2032-01-01	261,000.00	18,908.00	279,908.00	\$814,915.00
2033-01-01	266,319.00	13,635.00	279,954.00	\$548,596.00
2034-01-01	271,638.00	8,256.00	279,894.00	\$276,958.00
2035-01-01	276,958.00	2,770.00	279,728.00	\$0.00
Totals	\$4,235,928.00	\$807,547.39	\$5,043,475.39	

**Macomb Township  
Complete Debt Report for  
Oakland Macomb Interceptor: 2010A**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2015-01-01  
**Issuance Amount:** \$1,750,840  
**Maturing Through:** 2031  
**Principal Maturity Range:** \$73,962 - \$110,437  
**Series:** 2010A

**Payment Schedule**

<b><u>Date Due</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Payment</u></b>	<b><u>Balance</u></b>
2018-01-01	79,704.00	33,047.00	112,751.00	\$1,242,160.00
2019-01-01	81,730.00	31,054.00	112,784.00	\$1,160,430.00
2020-01-01	84,094.00	29,011.00	113,105.00	\$1,076,336.00
2021-01-01	86,120.00	26,908.00	113,028.00	\$990,216.00
2022-01-01	88,147.00	24,755.00	112,902.00	\$902,069.00
2023-01-01	90,511.00	22,552.00	113,063.00	\$811,558.00
2024-01-01	92,875.00	20,289.00	113,164.00	\$718,683.00
2025-01-01	95,239.00	17,967.00	113,206.00	\$623,444.00
2026-01-01	97,603.00	15,586.00	113,189.00	\$525,841.00
2027-01-01	99,967.00	13,146.00	113,113.00	\$425,874.00
2028-01-01	102,669.00	10,647.00	113,316.00	\$323,205.00
2029-01-01	105,033.00	8,080.00	113,113.00	\$218,172.00
2030-01-01	107,735.00	5,454.00	113,189.00	\$110,437.00
2031-01-01	110,437.00	2,761.00	113,198.00	
<b>Totals</b>	<b>\$1,321,864.00</b>	<b>\$261,257.00</b>	<b>\$1,583,121.00</b>	

**Macomb Township  
Complete Debt Report for  
Oakland Macomb Interceptor: 2014A**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2014-10-01  
**Issuance Amount:** \$675,494  
**Maturing Through:** 2034  
**Principal Maturity Range:** \$26,142 - \$44,348  
**Series:** 2014A  
**Purpose:** Water and Sewer

**Payment Schedule**

<b>Date Due</b>	<b>Interest Rate</b>	<b>Principal</b>	<b>Interest</b>	<b>Payment</b>	<b>Balance</b>
2017-10-01	2%	27,075.77	8,180.79	35,256.56	\$595,667.04
2018-04-01	2%		7,910.04	7,910.04	\$595,667.04
2018-10-01	2%	28,009.42	7,910.04	35,919.46	\$567,657.62
2019-04-01	2%		7,629.94	7,629.94	\$567,657.62
2019-10-01	2%	28,476.25	7,629.94	36,106.19	\$539,181.37
2020-04-01	2%		7,345.18	7,345.18	\$539,181.37
2020-10-01	2%	29,409.89	7,345.18	36,755.07	\$509,771.48
2021-04-01	2%		7,051.08	7,051.08	\$509,771.48
2021-10-01	2%	29,876.72	7,051.08	36,927.80	\$479,894.76
2022-04-01	2%		6,752.31	6,752.31	\$479,894.76
2022-10-01	2%	30,810.36	6,752.31	37,562.67	\$449,084.40
2023-04-01	2%		6,444.21	6,444.21	\$449,084.40
2023-10-01	2%	31,744.01	6,444.21	38,188.22	\$417,340.39
2024-04-01	2%		6,126.77	6,126.77	\$417,340.39
2024-10-01	2%	32,210.84	6,126.77	38,337.61	\$385,129.55
2025-04-01	3%		5,804.66	5,804.66	\$385,129.55
2025-10-01	3%	33,144.48	5,804.66	38,949.14	\$351,985.07
2026-04-01	3%		5,307.49	5,307.49	\$351,985.07
2026-10-01	3%	34,544.95	5,307.49	39,852.44	\$317,440.12
2027-04-01	3%		4,789.32	4,789.32	\$317,440.12
2027-10-01	3%	35,478.60	4,789.32	40,267.92	\$281,961.52
2028-04-01	3%		4,257.14	4,257.14	\$281,961.52
2028-10-01	3%	36,412.25	4,257.14	40,669.39	\$245,549.27
2029-04-01	3%		3,710.96	3,710.96	\$245,549.27
2029-10-01	3%	37,812.72	3,710.96	41,523.68	\$207,736.55

2030-04-01	3%		3,143.77	3,143.77	\$207,736.55
2030-10-01	3%	38,746.37	3,143.77	41,890.14	\$168,990.18
2031-04-01	3%		2,562.57	2,562.57	\$168,990.18
2031-10-01	3%	40,146.84	2,562.57	42,709.41	\$128,843.34
2032-04-01	3%		1,960.37	1,960.37	\$128,843.34
2032-10-01	3%	41,547.31	1,960.37	43,507.68	\$87,296.03
2033-04-01	3%		1,337.16	1,337.16	\$87,296.03
2033-10-01	3%	42,947.78	1,337.16	44,284.94	\$44,348.25
2034-04-01	3.125%		692.94	692.94	\$44,348.25
2034-10-01	3.125%	44,348.25	692.94	45,041.19	
Totals		\$622,742.81	\$173,832.61	\$796,575.42	

**Macomb Township**  
**Complete Debt Report for**  
**SRF-5624-01 MACOMB INTERCEPTOR DRAINAGE DIST: 2015A**

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2015-10-01  
**Issuance Amount:** \$499,851  
**Maturing Through:** 2036  
**Principal Maturity Range:** \$19,722 - \$31,283  
**Series:** 2015A

**Payment Schedule**

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2018-01-01	19,722.03	10,490.89	30,212.92	\$460,407.39
2019-01-01	20,402.10	11,255.16	31,657.26	\$440,005.29
2020-01-01	21,082.17	10,736.61	31,818.78	\$418,923.12
2021-01-01	21,762.24	10,201.05	31,963.29	\$397,160.88
2022-01-01	21,762.24	9,656.99	31,419.23	\$375,398.64
2023-01-01	22,442.31	9,104.44	31,546.75	\$352,956.33
2024-01-01	23,122.38	8,534.88	31,657.26	\$329,833.95
2025-01-01	23,802.45	7,948.32	31,750.77	\$306,031.50
2026-01-01	24,482.52	7,344.76	31,827.28	\$281,548.98
2027-01-01	25,162.59	6,724.19	31,886.78	\$256,386.39
2028-01-01	25,842.66	6,086.63	31,929.29	\$230,543.73
2029-01-01	26,522.73	5,432.06	31,954.79	\$204,021.00
2030-01-01	27,202.80	4,760.49	31,963.29	\$176,818.20
2031-01-01	27,202.80	4,080.42	31,283.22	\$149,615.40
2032-01-01	28,562.94	3,383.35	31,946.29	\$121,052.46
2033-01-01	29,243.01	2,660.77	31,903.78	\$91,809.45
2034-01-01	29,923.08	1,921.20	31,844.28	\$61,886.37
2035-01-01	30,603.15	1,164.62	31,767.77	\$31,283.22
2036-01-01	31,283.22	391.04	31,674.26	\$0.00
Totals	\$480,129.42	\$121,877.87	\$602,007.29	

