

Michigan Department of Treasury  
Office of Revenue and Tax Analysis  
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 84, 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.

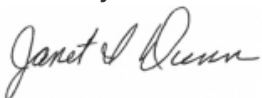
**Included with this letter are the required documents for Macomb Township's:**

- 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. 07-15)


**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 Macomb Township		Local Unit County Name Macomb County	
Local Unit Code 501080		Contact E-Mail Address vanreyendams@macomb-mi.gov	
Contact Name Stacy VanReyendam	Contact Title Finance Director	Contact Telephone Number (586) 992-0710	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 2015-06-30
PART 2: CERTIFICATION			
<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>			
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 25, 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	CVTRS/CIP Notes
Final Certification	Citizen's Guide Received	
	Performance Dashboard Received	
	Debt Service Report Received	
	Projected Budget Report Received	

# General Info

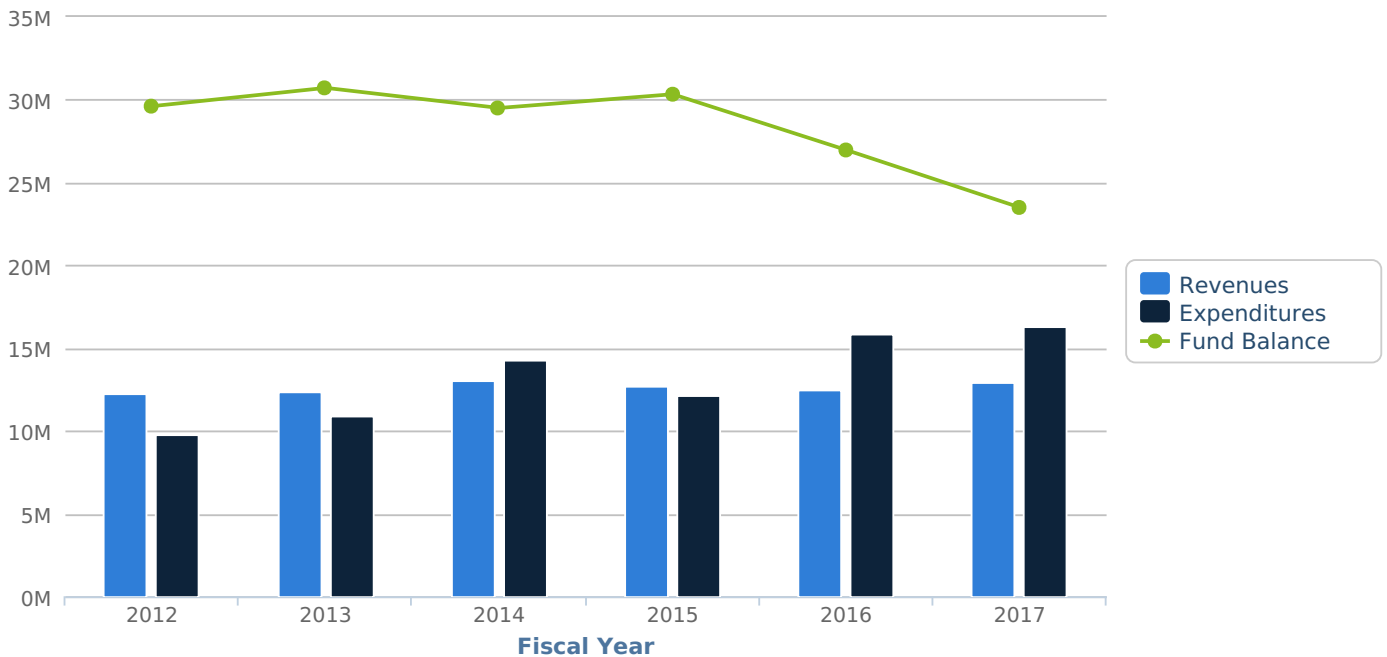
Name	Type	Fiscal Year End	Population (2010)	Phone	Website
Macomb Township	Township	June	79,660	(586) 992-0710	http://www.macomb-mi.gov/

# Multi-Year General Fund Only

Year	Data Status	Fiscal Score	Population	General Fund Revenues	General Fund Expenditures	*Available Fund Balance	Taxable Value
2017	Forecast	0	86,500	\$12,889,050	\$16,359,650	\$23,492,994	\$3,152,867,100
2016	Budget	0	86,170	\$12,513,643	\$15,883,172	\$26,963,594	\$3,121,650,600
2015	Audited	0	86,148	\$12,736,215	\$12,111,122	\$30,333,123	\$3,090,743,168
2014	Historic	0	85,459	\$13,029,756	\$14,309,270	\$29,502,290	\$2,947,855,090
2013	Historic	0	83,631	\$12,336,111	\$10,960,795	\$30,717,670	\$2,846,212,806
2012	Historic	1	81,789	\$12,215,112	\$9,808,098	\$29,612,228	\$2,764,259,420

\*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

## 2017 Notes:

### Revenue

- Taxable value increase of 1.0% driving a slight increase in ad valorem tax revenue.
- Anticipated slight increase in building and licenses fees.
- Anticipated increase in State Revenue Sharing.

### Expenditures

- Expenditures to be consistent with prior years.
- Salary and benefits will have a slight increase in 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.

## 2016 Notes:

### Revenue

- Taxable value increase of .00075% driving a slight increase in ad valorem tax revenue.
- Anticipated slight increase in building and licenses fees.
- Anticipated increase in State Revenue Sharing.

### Expenditures

- Expenditures to be consistent with prior years excluding a large expense for property acquisitions.
- Salary and benefits may have a slight increase in 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

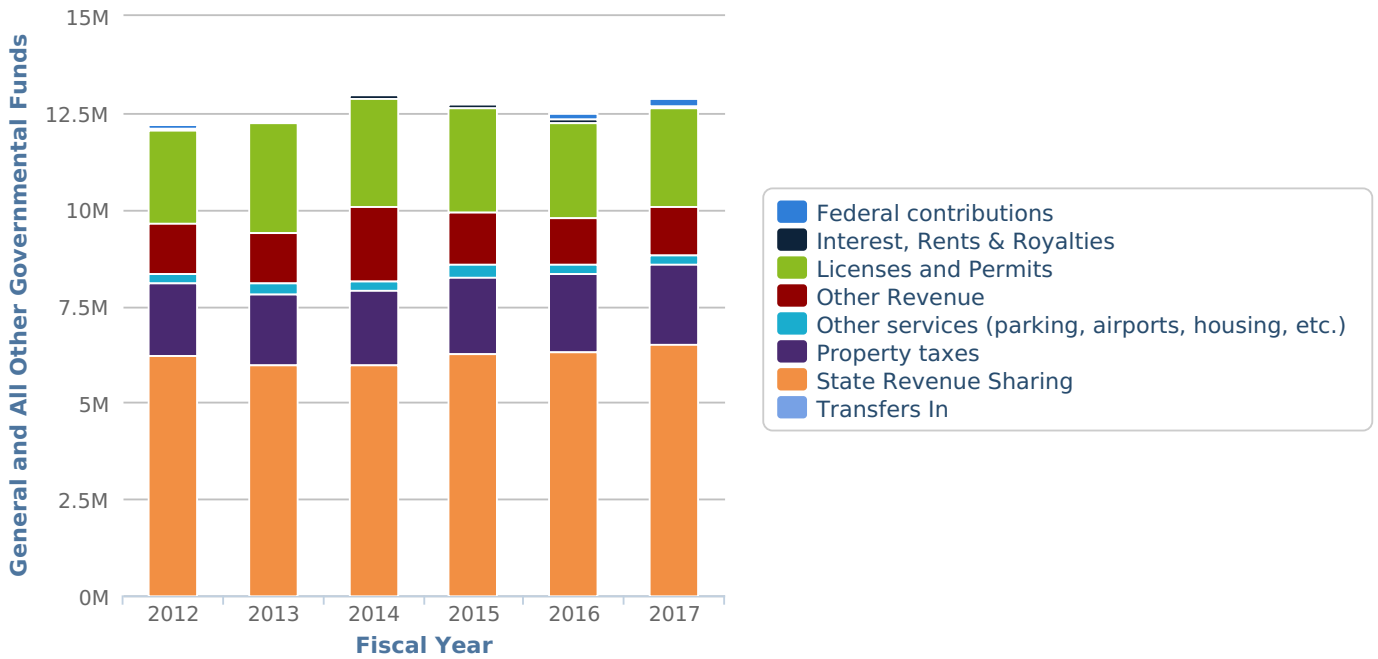
Category Name	2017	2016	2015	2014	2013	2012
Fund Equity	\$23,492,995	\$26,963,595	\$30,333,123	\$29,708,030	\$30,987,544	\$29,612,228
Total Assets	\$24,947,161	\$28,632,585	\$32,210,680	\$31,254,578	\$32,486,647	\$30,900,540
Total Liabilities	\$1,454,167	\$1,668,990	\$1,877,557	\$1,546,548	\$1,499,103	\$1,288,312

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

## Revenues

Category Name	2017	2016	2015	2014	2013	2012
Federal contributions	\$185,678	\$180,270	\$0	\$69,736	\$32,872	\$90,802
Interest, Rents & Royalties	\$80,340	\$78,000	\$118,842	\$76,495	\$73,850	\$83,916
Licenses and Permits	\$2,531,740	\$2,458,000	\$2,695,686	\$2,793,449	\$2,815,967	\$2,407,578
Other Revenue	\$1,246,274	\$1,209,975	\$1,350,566	\$1,957,801	\$1,298,828	\$1,285,607
Other services (parking, airports, housing, etc.)	\$253,069	\$245,698	\$299,517	\$244,421	\$279,218	\$265,970
Property taxes	\$2,070,506	\$2,010,200	\$2,005,353	\$1,921,810	\$1,847,385	\$1,873,730
State Revenue Sharing	\$6,521,444	\$6,331,500	\$6,266,251	\$5,966,044	\$5,987,991	\$6,199,659
Transfers In						\$7,850
<b>Total</b>	<b>\$12,889,051</b>	<b>\$12,513,643</b>	<b>\$12,736,215</b>	<b>\$13,029,756</b>	<b>\$12,336,111</b>	<b>\$12,215,112</b>

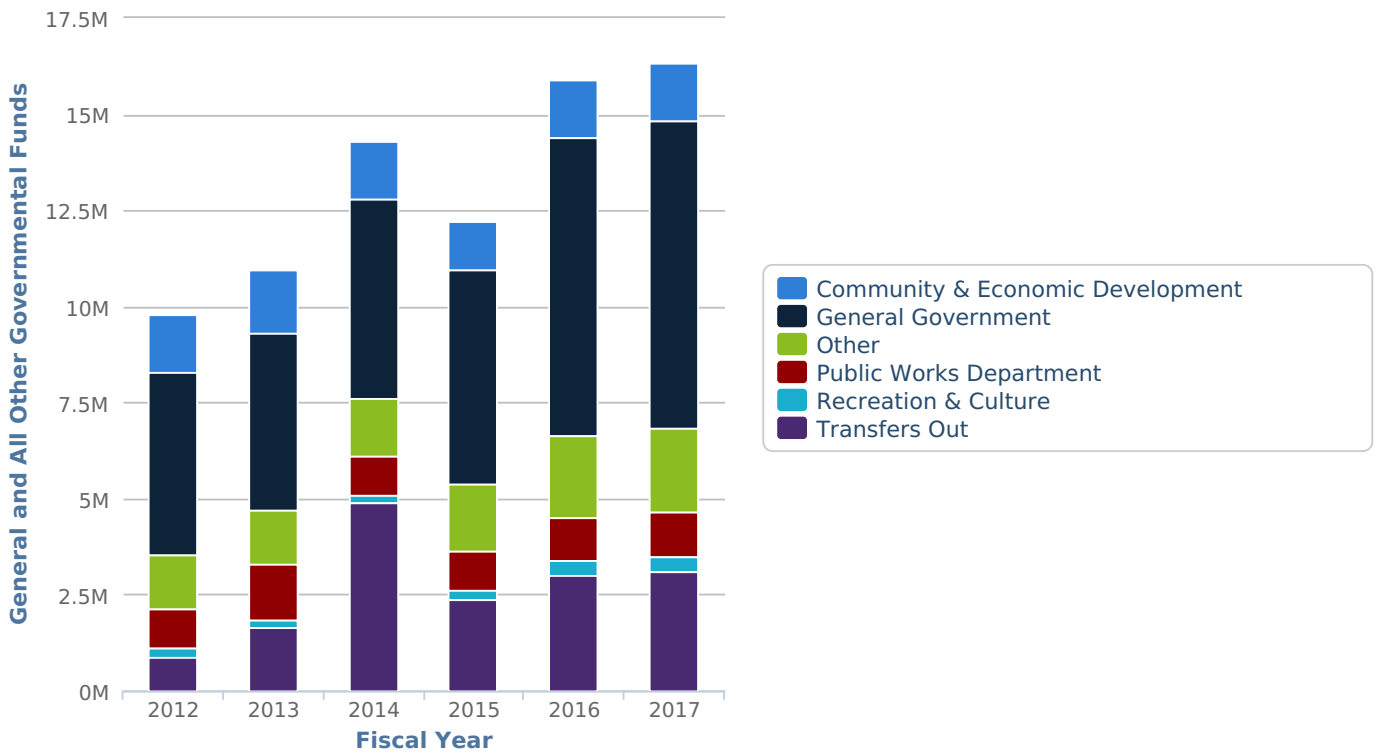
### Where The Money Comes From



## Expenses

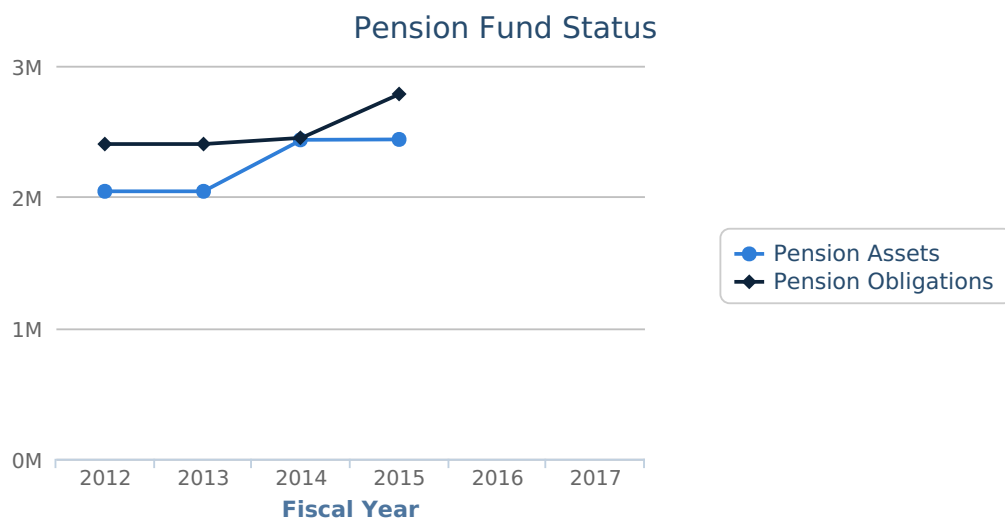
Category Name	2017	2016	2015	2014	2013	2012
Community & Economic Development	\$1,535,677	\$1,490,950	\$1,292,622	\$1,505,333	\$1,640,847	\$1,508,247
General Government	\$7,984,264	\$7,751,721	\$5,565,425	\$5,204,489	\$4,632,188	\$4,765,806
Other	\$2,207,644	\$2,143,346	\$1,742,024	\$1,509,547	\$1,401,011	\$1,401,789
Public Works Department	\$1,160,294	\$1,126,500	\$990,473	\$1,024,013	\$1,420,825	\$1,021,720
Recreation & Culture	\$382,619	\$371,475	\$245,958	\$184,233	\$222,399	\$221,285
Transfers Out	\$3,089,152	\$2,999,180	\$2,393,175	\$4,881,655	\$1,643,525	\$889,251
<b>Total</b>	<b>\$16,359,650</b>	<b>\$15,883,172</b>	<b>\$12,229,677</b>	<b>\$14,309,270</b>	<b>\$10,960,795</b>	<b>\$9,808,098</b>

### How The Money Is Spent



## Supplementary Information (Pension / OPEB)

Category Name	2017	2016	2015	2014	2013	2012
Pensions Actuarial Liability	N/A	N/A	\$2,784,593	\$2,450,074	\$2,402,520	\$2,402,520
Pension Fund Assets	N/A	N/A	\$2,437,849	\$2,434,704	\$2,041,728	\$2,041,728
OPEB Actuarial Liability	N/A	N/A	\$19,993,872	\$19,993,872	\$16,974,869	\$16,974,869
OPEB Fund Assets	N/A	N/A	\$18,895,105	\$17,107,119	\$10,673,324	\$10,673,324

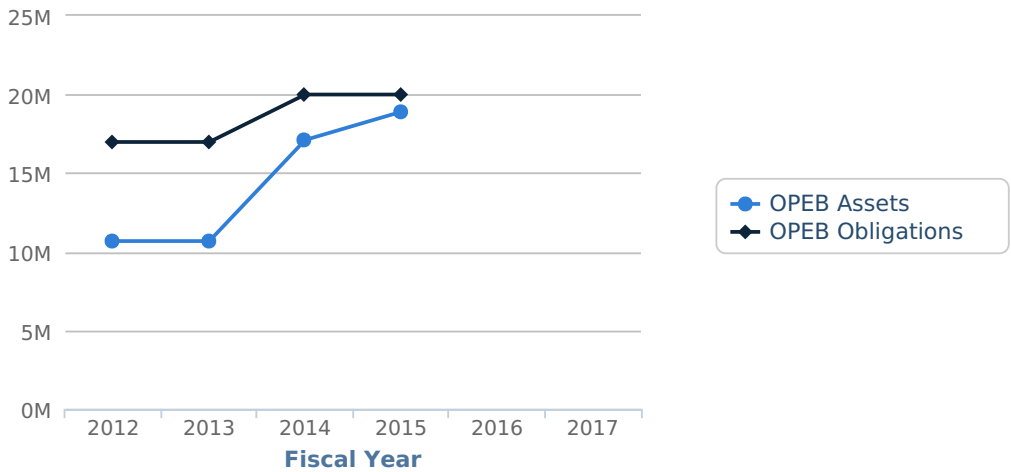


### Pension Notes:

Macomb Township's Pension Actuarial Report is updated every year. For this presentation actual values were updated through June 30, 2015.



### Other Post-Employment Benefit Fund Status



**OPEB Notes:**

Macomb Township's Retiree Health Care Actuarial Report is updated every three years so for this presentation the 2008 values are carried into 2009-2010, the 2011 values are carried into 2012-2013 and the 2014 values are carried into 2015-2016.

## Fund Equity Detail

Category Name	2017	2016	2015	2014	2013	2012
Assigned	\$2,609,699	\$2,995,228	\$3,369,529	\$5,422,889	\$4,599,476	\$547,000
Nonspendable	\$369,460	\$424,040	\$477,030	\$205,740	\$269,874	
Unassigned	\$20,513,836	\$23,544,327	\$26,486,564	\$24,079,401	\$26,118,194	\$29,065,228

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Fiscal Stability	2014	2015	Progress
Fiscal Distress Indicator Score	0	0	↔
Annual General Fund expenditures per capita	\$167	\$141	↑
Fund balance as % of General Fund Revenues <a href="#">i</a>	226.4%	238.2%	↑
Other Post Employment Benefits % Funded	85.6%	94.5%	↑
Pension % Funded <a href="#">i</a>	99.4%	87.5%	↓
Debt burden per capita	\$398	\$368	↑

Economy & Financial Health	2014	2015	Progress
Population	85,459	86,148	↑
Taxable Value (100k)	\$2,947,855	\$3,090,743	↑

Economic Development	2014	2015	Progress
Residential Building Permits	454	-	↓
Residential Property Foreclosures	51	-	↑

Public Safety	2013	2014	Progress
Crimes against persons per thousand residents <a href="#">i</a>	5.7	5.5	↑
Crimes against property per thousand residents <a href="#">i</a>	17.2	14.6	↑
Crimes against society per thousand residents <a href="#">i</a>	6.5	5.7	↑
Other crimes per thousand residents <a href="#">i</a>	2.0	1.6	↑
Traffic crashes property	1,462	1,499	↓
Traffic crashes injuries	374	403	↓
Traffic crashes fatalities	2	3	↓
Fire - EMS Dispatch Time Average	6.72	6.83	↓

School District Enrollment	2014	2015	Progress
Chippewa Valley Schools	16,538	-	↓
L'Anse Creuse Public Schools	11,320	-	↓
New Haven Community Schools	1,294	-	↓
Utica Community Schools	28,710	-	↓

Culture & Lifestyle	2014	2015	Progress
Recreation Program Attendance	-	-	

**Pension Notes:**

Macomb Township's Pension Actuarial Report is updated every year. For this presentation actual values were updated through June 30, 2015.

**OPEB Notes:**

Macomb Township's Retiree Health Care Actuarial Report is updated every three years so for this presentation the 2008 values are carried into 2009-2010, the 2011 values are carried into 2012-2013 and the 2014 values are carried into 2015-2016.

[Print](#)

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

**Bonds & contracts payable**

**Fiscal Years**

<b>Name</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Building Authority Bond: 2009	456,375	495,875	482,750	515,250
Building Authority Refunding Bond: 2012	1,343,050	1,431,950	1,447,400	1,506,200
Building Authority Refunding Bond: 2015	0	1,206,048	1,169,300	1,200,650
Building Authority Refunding Bond: 2011	611,300	582,450	716,450	989,650
Capital Improvement and Refunding Bonds: 2010	885,894	868,944	875,306	883,019
Clintondale Pump Station Improvements: 2011	283,297	289,855	295,757	301,003
Limited Tax General Obligation Refunding Bond: 2014	408,580	470,278	449,214	428,357
Macomb Interceptor Drain: 2010A	1,185,058	1,181,518	1,177,239	1,171,471
North Gratiot Interceptor: 2010	8,491	8,441	8,374	8,318
North Gratiot Interceptor: 2008	81,455	79,960	78,091	76,595
Oakland Macomb Interceptor: 2014A	8,708	43,297	43,237	43,167
Oakland Macomb Interceptor: 2010A	112,708	112,686	113,012	112,751
Oakland Macomb Interceptor: 2013A	92,400	280,575	280,635	280,618
Oakland Macomb Interceptor: 2010B	37,502	37,595	37,611	37,576
<b>Subtotal for Bonds &amp; contracts payable</b>	<b>\$5,514,818</b>	<b>\$7,089,472</b>	<b>\$7,174,375</b>	<b>\$7,554,625</b>
<b>Total Principal &amp; Interest</b>	<b>\$5,514,818</b>	<b>\$7,089,472</b>	<b>\$7,174,375</b>	<b>\$7,554,625</b>

# Macomb Township Complete Debt Report for Building Authority Bond: 2009

## Issuance Information

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Government  
**Repayment Source:** Internal Service Funds  
**Issuance Date:** 2009-03-14  
**Issuance Amount:** \$5,000,000  
**Maturing Through:** 2023  
**Principal Maturity Range:** \$300,000 - \$550,000  
**Series:** 2009  
**Purpose:** Macomb Corners Park - Refunding Bond

## Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2015-01-01	300,000.00	156,375.00	456,375.00	\$3,500,000.00
2016-01-01	350,000.00	145,875.00	495,875.00	\$3,150,000.00
2017-01-01	350,000.00	132,750.00	482,750.00	\$2,800,000.00
2018-01-01	400,000.00	115,250.00	515,250.00	\$2,400,000.00
2019-01-01	400,000.00	99,250.00	499,250.00	\$2,000,000.00
2020-01-01	450,000.00	83,250.00	533,250.00	\$1,550,000.00
2021-01-01	500,000.00	65,250.00	565,250.00	\$1,050,000.00
2022-01-01	500,000.00	44,625.00	544,625.00	\$550,000.00
2023-01-01	550,000.00	23,375.00	573,375.00	
Totals	\$3,800,000.00	\$866,000.00	\$4,666,000.00	

**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>
2015-06-30	295,000.00	316,300.00	611,300.00	\$7,360,000.00
2016-06-30	275,000.00	307,450.00	582,450.00	\$7,085,000.00
2017-06-30	420,000.00	296,450.00	716,450.00	\$6,665,000.00
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	
Totals	\$7,655,000.00	\$2,348,000.04	\$10,003,000.04	

**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>
2015-01-01	870,000.00	473,050.00	1,343,050.00	\$11,860,000.00
2016-01-01	985,000.00	446,950.00	1,431,950.00	\$10,875,000.00
2017-01-01	1,030,000.00	417,400.00	1,447,400.00	\$9,845,000.00
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	
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Totals	\$12,730,000.00	\$2,927,050.00	\$15,657,050.00	



**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**

<u>Date Due</u>	<u>Interest Rate</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2015-03-19				0.00	\$6,805,000.00
2015-10-01	3%		129,573.33	129,573.33	\$6,805,000.00
2016-04-01	3%	955,000.00	121,475.00	1,076,475.00	\$5,850,000.00
2016-10-01	3%		107,150.00	107,150.00	\$5,850,000.00
2017-04-01	3%	955,000.00	107,150.00	1,062,150.00	\$4,895,000.00
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	
<b>Totals</b>		<b>\$6,805,000.00</b>	<b>\$1,035,998.33</b>	<b>\$7,840,998.33</b>	

**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>
2015-01-01	600,000.00	285,894.00	885,894.00	\$7,545,000.00
2016-01-01	595,000.00	273,944.00	868,944.00	\$6,950,000.00
2017-01-01	615,000.00	260,306.00	875,306.00	\$6,335,000.00
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	

Totals	\$8,145,000.00	\$2,520,987.00	\$10,665,987.00	
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**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>
2015-01-01	118,040.00	165,257.00	283,297.00	\$3,613,348.00
2016-01-01	131,156.00	158,699.00	289,855.00	\$3,482,192.00
2017-01-01	144,272.00	151,485.00	295,757.00	\$3,337,920.00
2018-01-01	157,387.00	143,616.00	301,003.00	\$3,180,533.00
2019-01-01	170,503.00	135,091.00	305,594.00	\$3,010,030.00
2020-01-01	183,618.00	125,910.00	309,528.00	\$2,826,412.00
2021-01-01	196,734.00	116,073.00	312,807.00	\$2,629,678.00
2022-01-01	209,850.00	105,581.00	315,431.00	\$2,419,828.00
2023-01-01	216,407.00	94,760.00	311,167.00	\$2,203,421.00
2024-01-01	229,523.00	83,284.00	312,807.00	\$1,973,898.00
2025-01-01	242,639.00	71,152.00	313,791.00	\$1,731,259.00
2026-01-01	255,754.00	58,364.00	314,118.00	\$1,475,505.00
2027-01-01	262,312.00	48,528.00	310,840.00	\$1,213,193.00
2028-01-01	281,985.00	37,248.00	319,233.00	\$931,208.00
2029-01-01	295,101.00	25,444.00	320,545.00	\$636,107.00
2030-01-01	308,217.00	13,116.00	321,333.00	\$327,890.00
2031-01-01	327,890.00		327,890.00	
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Totals	\$3,731,388.00	\$1,533,608.00	\$5,264,996.00	

**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**

<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>
2015-01-01	380,000.00	28,580.00	408,580.00	\$1,705,000.00
2016-01-01	450,000.00	20,278.00	470,278.00	\$1,255,000.00
2017-01-01	435,000.00	14,214.00	449,214.00	\$820,000.00
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	
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Totals	\$2,085,000.00	\$74,169.00	\$2,159,169.00	

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

**Issuance Information**

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Water  
**Issuance Date:** 2010-08-30  
**Issuance Amount:** \$15,808,421  
**Maturing Through:** 2035  
**Principal Maturity Range:** \$510,856 - \$930,782  
**Series:** 2010A  
**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>
2015-01-01	510,856.00	674,202.00	1,185,058.00	\$13,801,369.00
2016-01-01	519,122.00	662,396.00	1,181,518.00	\$13,282,247.00
2017-01-01	529,868.00	647,371.00	1,177,239.00	\$12,752,379.00
2018-01-01	541,441.00	630,030.00	1,171,471.00	\$12,210,938.00
2019-01-01	553,840.00	610,815.00	1,164,655.00	\$11,657,098.00
2020-01-01	567,893.00	589,484.00	1,157,377.00	\$11,089,205.00
2021-01-01	583,599.00	565,883.00	1,149,482.00	\$10,505,606.00
2022-01-01	600,131.00	540,595.00	1,140,726.00	\$9,905,475.00
2023-01-01	618,317.00	513,377.00	1,131,694.00	\$9,287,158.00
2024-01-01	637,330.00	484,467.00	1,121,797.00	\$8,649,828.00
2025-01-01	657,995.00	453,701.00	1,111,696.00	\$7,991,833.00
2026-01-01	679,488.00	420,511.00	1,099,999.00	\$7,312,345.00
2027-01-01	702,633.00	384,865.00	1,087,498.00	\$6,609,712.00
2028-01-01	727,432.00	348,359.00	1,075,791.00	\$5,882,280.00
2029-01-01	753,884.00	307,321.00	1,061,205.00	\$5,128,396.00
2030-01-01	781,989.00	265,465.00	1,047,454.00	\$4,346,407.00
2031-01-01	810,095.00	222,040.00	1,032,135.00	\$3,536,312.00
2032-01-01	838,200.00	178,354.00	1,016,554.00	\$2,698,112.00
2033-01-01	867,959.00	132,894.00	1,000,853.00	\$1,830,153.00
2034-01-01	899,371.00	85,810.00	985,181.00	\$930,782.00
2035-01-01	930,782.00	23,545.00	954,327.00	

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Totals	\$14,312,225.00	\$8,741,485.00	\$23,053,710.00
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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>
2015-01-01	3,265.00	5,226.00	8,491.00	\$88,699.00
2016-01-01	3,326.00	5,115.00	8,441.00	\$85,373.00
2017-01-01	3,387.00	4,987.00	8,374.00	\$81,986.00
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	

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Totals	\$91,964.00	\$67,498.00	\$159,462.00
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## Macomb Township Complete Debt Report for North Gratiot Interceptor: 2008

### Issuance Information

**Debt Type:** Bonds & contracts payable  
**Activity Type:** Business-type/Enterprise  
**Repayment Source:** Revenue - Sewer  
**Issuance Date:** 2015-01-01  
**Issuance Amount:** \$1,113,386  
**Maturing Through:** 2033  
**Principal Maturity Range:** \$37,379 - \$59,806  
**Series:** 2008

### Payment Schedule

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2015-01-01	37,379.00	44,075.68	81,454.68	\$914,531.00
2016-01-01	37,379.00	42,580.54	79,959.54	\$877,152.00
2017-01-01	37,379.00	40,711.60	78,090.60	\$839,773.00
2018-01-01	37,379.00	39,216.46	76,595.46	\$802,394.00
2019-01-01	49,838.00	37,721.32	87,559.32	\$752,556.00
2020-01-01	49,838.00	35,665.48	85,503.48	\$702,718.00
2021-01-01	49,838.00	33,547.36	83,385.36	\$652,880.00
2022-01-01	49,838.00	31,055.44	80,893.44	\$603,042.00
2023-01-01	49,838.00	28,563.54	78,401.54	\$553,204.00
2024-01-01	49,838.00	26,071.62	75,909.62	\$503,366.00
2025-01-01	49,838.00	23,579.72	73,417.72	\$453,528.00
2026-01-01	54,822.00	21,337.00	76,159.00	\$398,706.00
2027-01-01	54,822.00	18,870.00	73,692.00	\$343,884.00
2028-01-01	54,822.00	16,334.00	71,156.00	\$289,062.00
2029-01-01	54,822.00	13,730.00	68,552.00	\$234,240.00
2030-01-01	54,822.00	11,126.00	65,948.00	\$179,418.00
2031-01-01	59,806.00	8,522.00	68,328.00	\$119,612.00
2032-01-01	59,806.00	5,682.00	65,488.00	\$59,806.00
2033-01-01	59,806.00	2,841.00	62,647.00	
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Totals	\$951,910.00	\$481,230.76	\$1,433,140.76	

**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>
2015-01-01	16,886.00	20,616.00	37,502.00	\$375,890.00
2016-01-01	17,562.00	20,033.00	37,595.00	\$358,328.00
2017-01-01	18,237.00	19,374.00	37,611.00	\$340,091.00
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	
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Totals	\$392,776.00	\$209,647.00	\$602,423.00	

## 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

<u>Date Due</u>	<u>Principal</u>	<u>Interest</u>	<u>Payment</u>	<u>Balance</u>
2015-01-01		92,400.00	92,400.00	\$4,619,981.00
2016-01-01	190,076.00	90,499.00	280,575.00	\$4,429,905.00
2017-01-01	193,977.00	86,658.00	280,635.00	\$4,235,928.00
2018-01-01	197,878.00	82,740.00	280,618.00	\$4,038,050.00
2019-01-01	201,778.00	78,743.00	280,521.00	\$3,836,272.00
2020-01-01	205,679.00	74,669.00	280,348.00	\$3,630,593.00
2021-01-01	209,935.00	70,513.00	280,448.00	\$3,420,658.00
2022-01-01	214,190.00	66,271.00	280,461.00	\$3,206,468.00
2023-01-01	218,446.00	61,945.00	280,391.00	\$2,988,022.00
2024-01-01	222,701.00	57,533.00	280,234.00	\$2,765,321.00
2025-01-01	227,311.00	53,033.00	280,344.00	\$2,538,010.00
2026-01-01	231,566.00	48,445.00	280,011.00	\$2,306,444.00
2027-01-01	236,531.00	43,764.00	280,295.00	\$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	

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Totals	\$4,619,981.00	\$1,077,108.00	\$5,697,089.00
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**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>
2015-01-01	73,962.00	38,746.00	112,708.00	\$1,475,868.00
2016-01-01	75,989.00	36,697.00	112,686.00	\$1,399,879.00
2017-01-01	78,015.00	34,997.00	113,012.00	\$1,321,864.00
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	
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Totals	\$1,549,830.00	\$371,697.00	\$1,921,527.00	

**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>
2014-10-01				0.00	\$675,493.89
2015-04-01	2%		8,708.30	8,708.30	\$675,493.89
2015-10-01	2%	26,142.13	8,708.30	34,850.43	\$649,351.76
2016-04-01	2%		8,446.88	8,446.88	\$649,351.76
2016-10-01	2%	26,608.95	8,446.88	35,055.83	\$622,742.81
2017-04-01	2%		8,180.79	8,180.79	\$622,742.81
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		\$675,493.89	\$216,323.76	\$891,817.65	
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