

Charter Township of Plymouth – 821070

City, Village and Township Revenue Sharing (CVTRS) Report

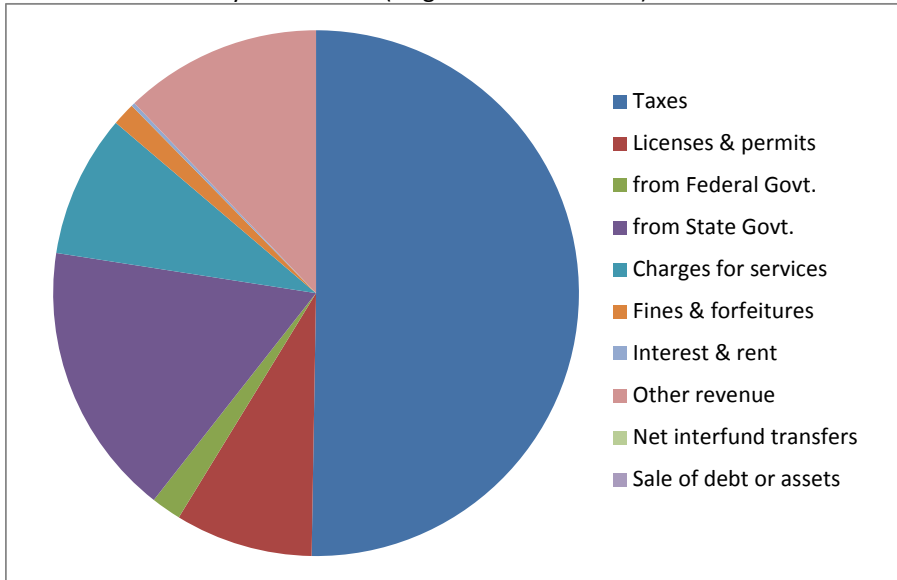
November - 2015



- **Citizens Guide**
- **Performance Dashboard**
- **Projected Budget Report**
- **Debt Service Report**

CITIZENS' GUIDE TO LOCAL UNIT FINANCES - Charter Township of Plymouth

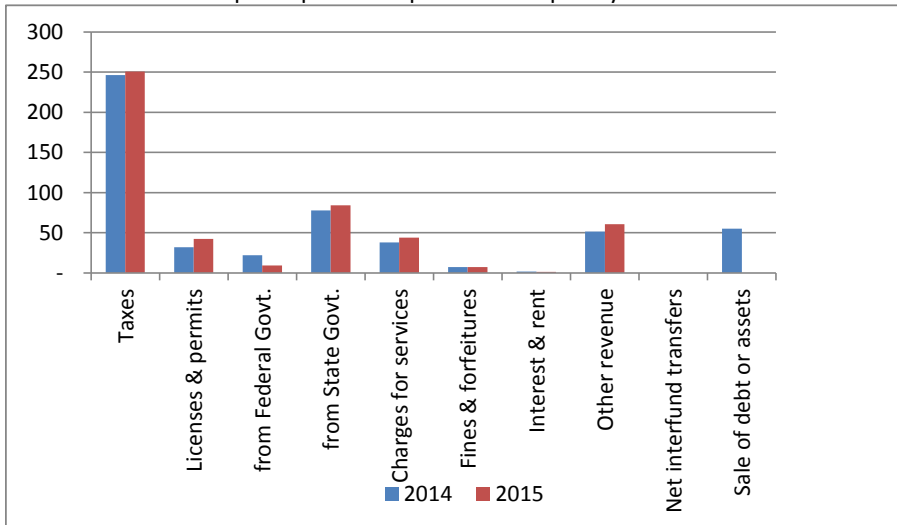
1. Where our money comes from (all governmental funds)



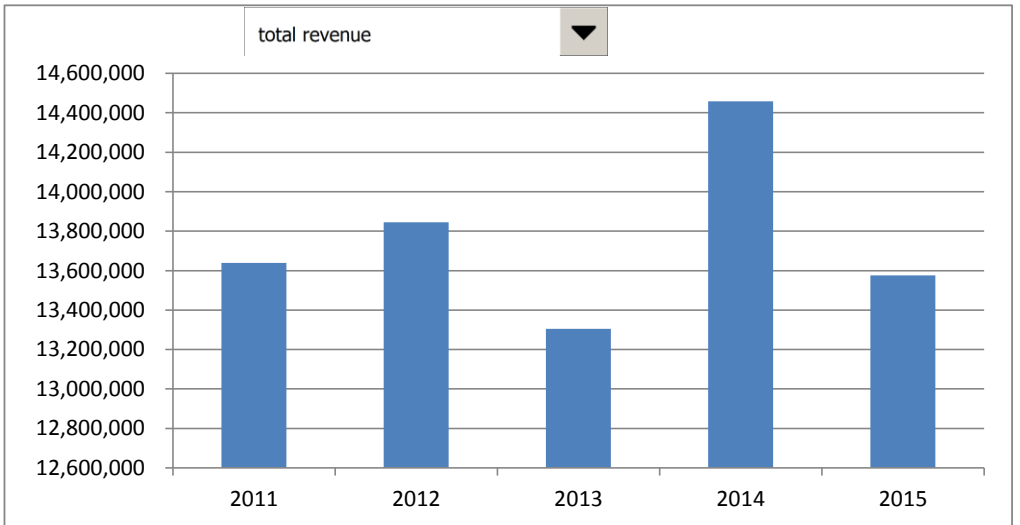
2. Compared to the prior year

	2014	2015	% change
Taxes	\$ 6,709,837	\$ 6,823,941	2%
Licenses & permits	863,192	1,150,135	0
from Federal Govt.	601,203	250,582	(1)
from State Govt.	2,114,853	2,288,326	8%
Charges for services	1,035,800	1,191,305	15%
Fines & forfeitures	196,410	191,230	-3%
Interest & rent	38,400	31,018	-19%
Other revenue	1,401,037	1,648,391	18%
Net interfund transfers	-	-	n/a
Sale of debt or assets	1,497,350	-	-100%
Total	\$ 14,458,082	\$ 13,574,928	-6%

3. Revenue sources per capita - compared to the prior year



4. Historical trends of individual sources

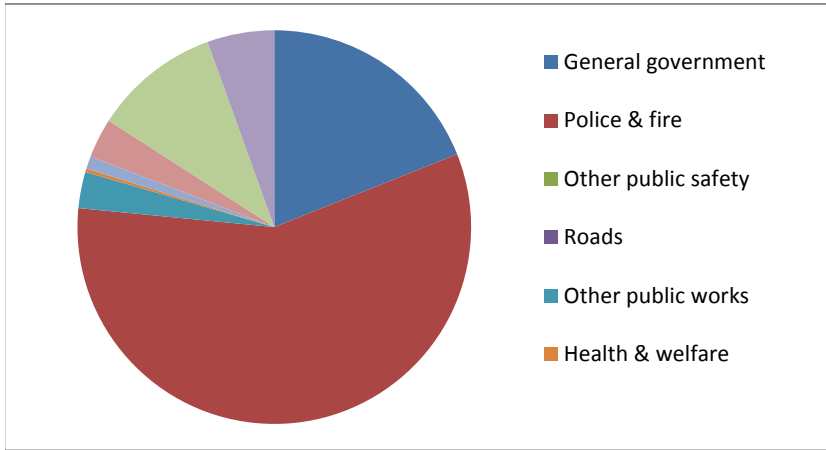


Commentary:

CITIZENS' GUIDE TO LOCAL UNIT FINANCES - Charter Township of Plymouth

EXPENDITURES

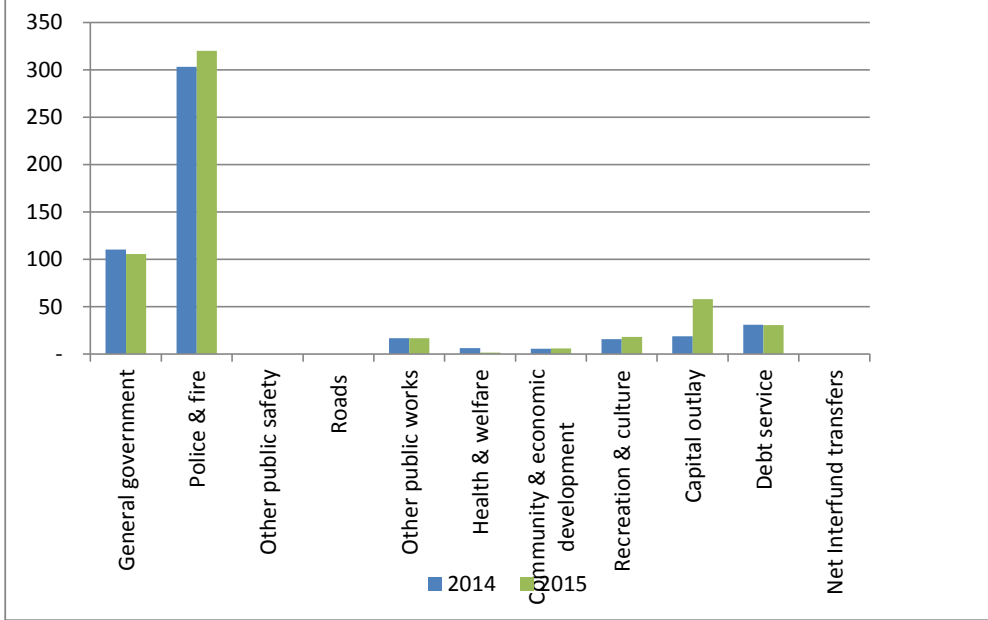
1. Where we spend our money (all governmental funds)



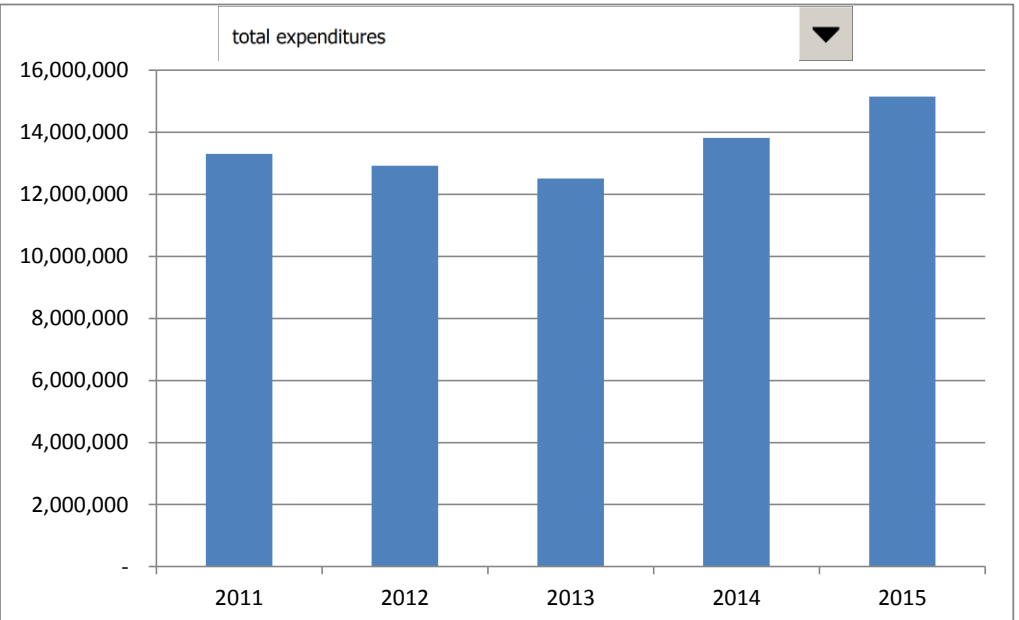
2. Compared to the prior year

	2014	2015	% change
General government	\$ 2,999,749	\$ 2,872,104	-4%
Police & fire	8,261,739	8,720,284	6%
Other public safety	-	-	n/a
Roads	-	-	n/a
Other public works	455,129	452,093	-1%
Health & welfare	169,462	43,727	-74%
Community & economic development	147,687	156,372	6%
Recreation & culture	430,804	491,613	14%
Capital outlay	510,893	1,575,749	208%
Debt service	837,460	833,825	0%
Interfund transfers (net)	-	-	n/a
total expenditures	\$ 13,812,923	\$ 15,145,767	10%

3. Spending per capita - compared to the prior year



4. Historical trends of individual departments:

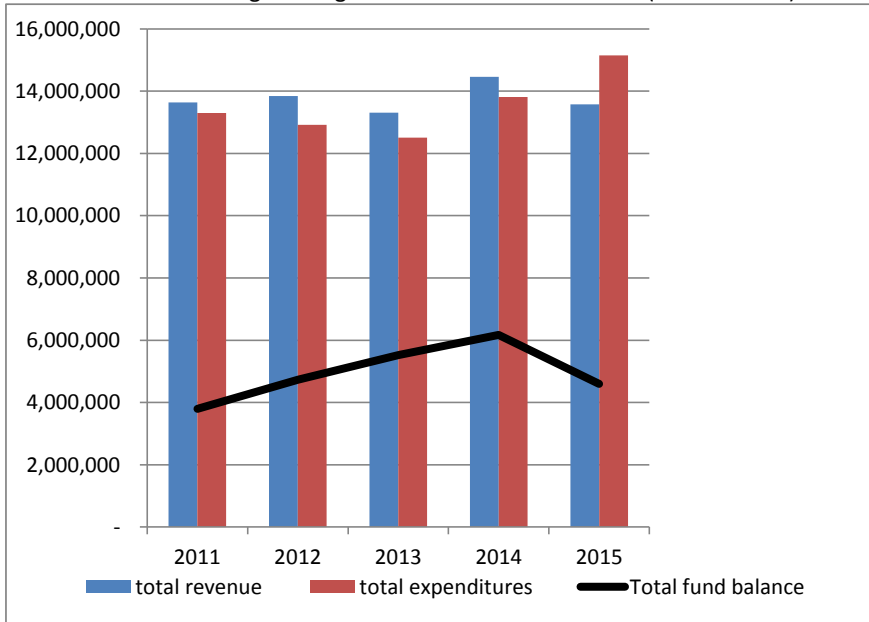


Commentary:

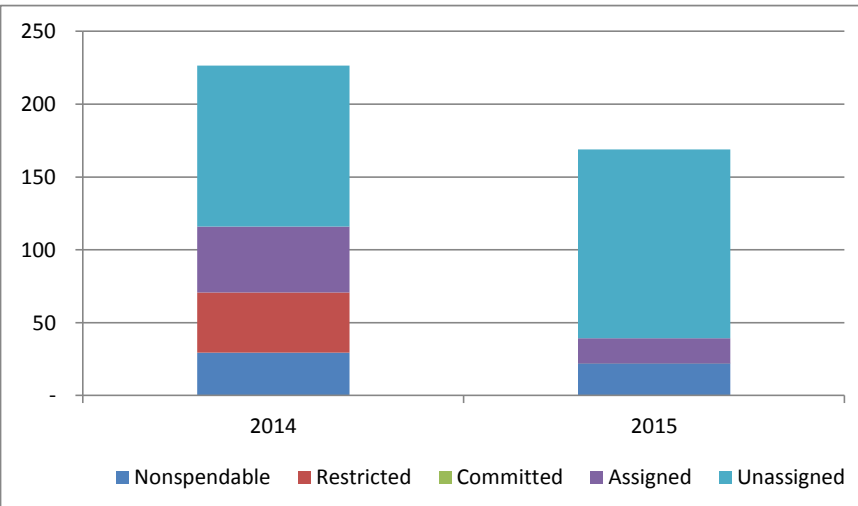
For more information on our unit's finances, contact Mark Clinton at (734) 354-3214.

CITIZENS' GUIDE TO LOCAL UNIT FINANCES - Charter Township of Plymouth

1. How have we managed our governmental fund resources (fund balance)?



3. Fund balance per capita - compared to the prior year

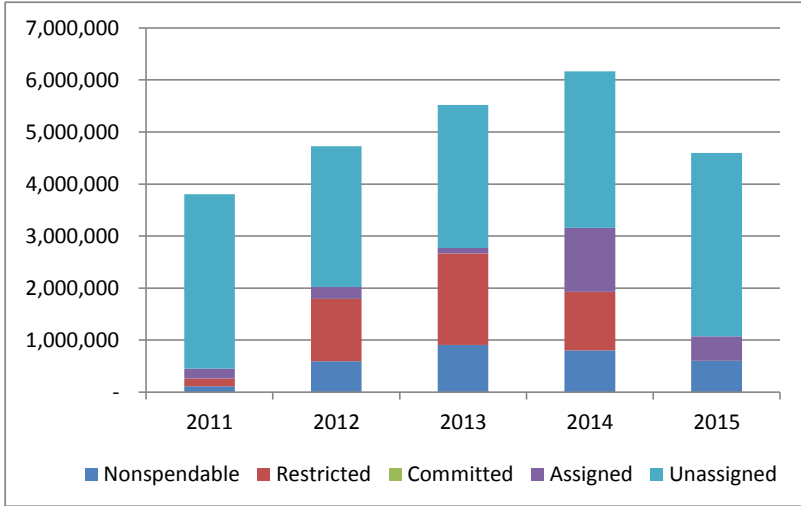


FINANCIAL POSITION

2. Compared to the prior year

	2014	2015	% change
Revenue	14,458,082	13,574,928	-6%
Expenditures	13,812,923	15,145,767	10%
Surplus (shortfall)	645,159	(1,570,839)	-343%
Fund balance, by component:			
Nonspendable	803,028	603,604	-25%
Restricted	1,123,862	1,247	-100%
Committed	-	-	0%
Assigned	1,232,209	468,741	-62%
Unassigned	3,008,574	3,523,242	17%
total fund balance	6,167,673	4,596,834	-25%

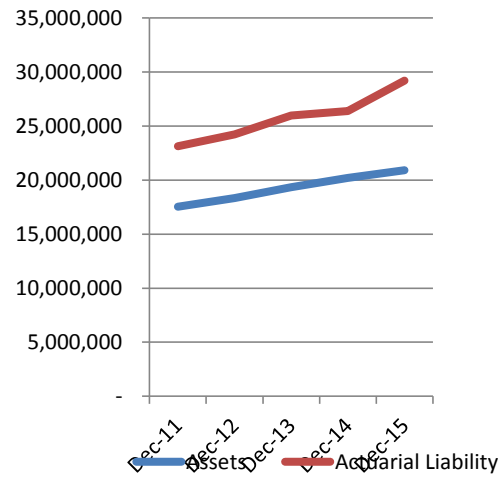
4. Historical trends of individual components



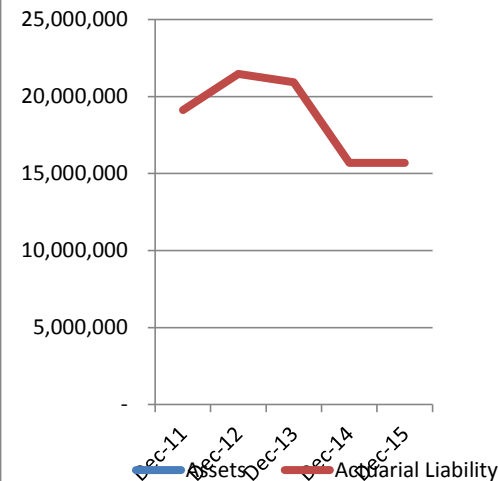
Commentary:

CITIZENS' GUIDE TO LOCAL UNIT FINANCES - Charter Township of Plymouth

1. Pension funding status

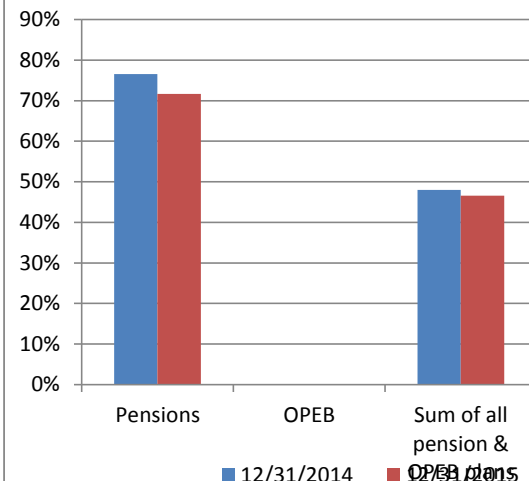


2. Retiree Health care funding status

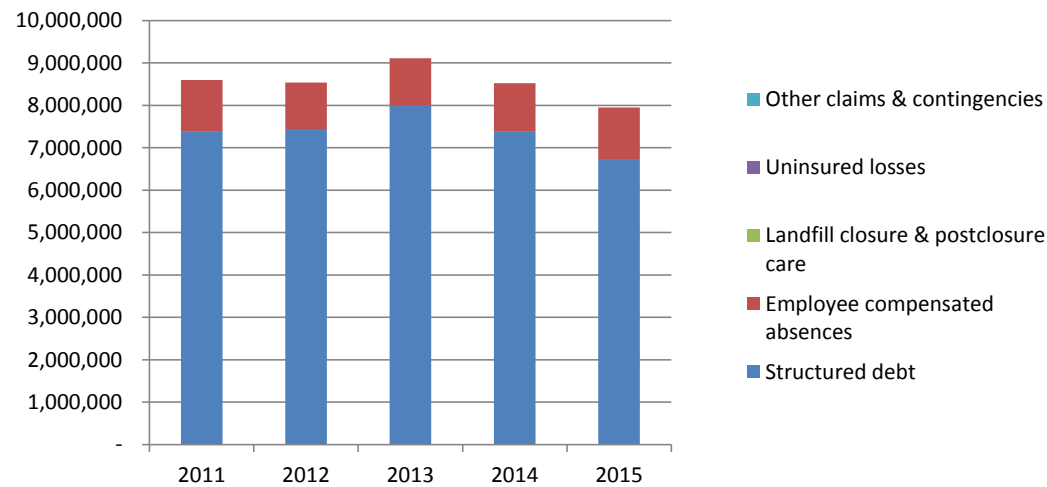


OTHER LONG TERM OBLIGATIONS

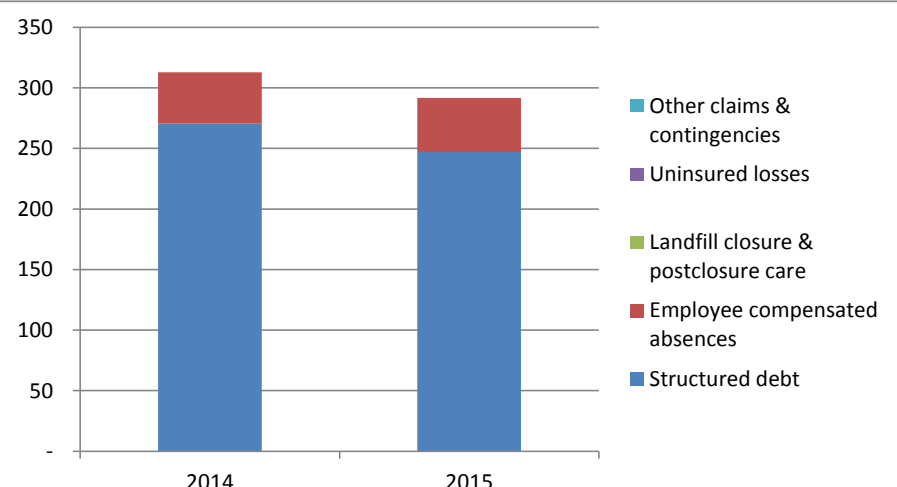
3. Percent funded - compared to the prior year



4. Long Term Debt obligations:



5. Debt & other long term obligations per capita - compared to the prior year



Commentary:

For more information on our unit's finances, contact Mark Clinton at (734) 354-3214.

Performance Dashboard

Local Unit Name: Charter Township of Plymouth
Local Unit Code: 821070

	2014	2015	Trend	Performance
Fiscal Stability				
Annual General Fund expenditures per capita	\$507	\$556	↑ 9.6%	Negative
Fund Balance as % of annual General Fund expenditures	44.7%	30.4%	↓ 32.0%	Negative
Unfunded pension & OPEB liability, as a % of annual General Fund revenue	151%	177%	↑ 16.6%	Negative
Debt burden per capita	\$271	\$247	↓ -8.7%	Positive
Percentage of road funding provided by the General Fund	0.0%	0.0%	→ 0.0%	Neutral
Ratio of pensioners to employees	0.20	0.20	→ 0.0%	Neutral
Number of services delivered via cooperative venture	3	3	→ 0.0%	Neutral
Economic Strength				
% of community with access to high speed broadband	100%	100%	→ 0.0%	Neutral
% of community age 25+ with Bachelor's degree or higher	52%	52%	→ 0.0%	Neutral
Average age of critical infrastructure (years)	27.6	27.9	↑ 1.1%	Negative
Public Safety				
Violent crimes per thousand	0.7	0.8	↑ 15.8%	Negative
Property crimes per thousand	9	9	→ 0.0%	Neutral
Traffic injuries or fatalities	129	129	→ 0.0%	Neutral
Quality of Life				
Miles of sidewalks and non-motorized paths/trails as a factor of total miles of local/major roads & streets	1.00	1.00	→ 0.0%	Neutral
Percent of General Fund expenditures committed to arts, culture and recreation	3.1%	3.2%	↑ 4.1%	Neutral
Acres of parks per thousand residents	22.0	22.0	→ 0.0%	Neutral
Percent of community being provided with curbside recycling	100%	100%	→ 0.0%	Neutral

CITIZENS' GUIDE TO LOCAL UNIT FINANCES - Charter Township of Plymouth

	FYE 2016	FYE 2017
	Current FY	Subsequent FY
<u>Statement of Revenue & Expenses - General Fund</u>		
Revenue		
Taxes	7,000,000	7,000,000
Licenses & permits	985,000	885,000
from Federal Govt.	650,000	200,000
from State Govt.	2,188,000	2,258,000
Charges for services	1,250,000	1,250,000
Fines & forfeitures	150,000	200,000
Interest & rent	22,500	22,500
Other revenue	1,707,000	1,522,000
total revenue	<u>13,952,500</u>	<u>13,337,500</u>
Expenditures		
General government	3,400,706	2,951,997
Police & fire	8,692,965	8,707,873
Other public works	468,808	436,581
Health & welfare	295,000	95,000
Community & economic development	173,782	173,782
Recreation & culture	571,494	423,158
Transfers out	523,951	523,951
total expenditures	<u>14,126,706</u>	<u>13,312,342</u>
Surplus (shortfall)	<u>(174,206)</u>	<u>25,158</u>
<u>Financial position - General Fund</u>		
Beginning fund balance	4,126,846	3,952,640
Total fund balance	<u>3,952,640</u>	<u>3,977,798</u>

ASSUMPTIONS USED IN GENERATING SECOND YEAR PROJECTION

FYE 2017:

Revenues are based upon projections of current taxable value, state shared revenue projections, and past history of charges for services.

Expenses are based upon current union collective bargaining agreements, expected rate increases for fringe benefit costs, and anticipated capital projects for 2017.

A reduction in grant money for fire protection is imbedded in the projections.

Contact information:

For more information on our unit's finances, contact Mark Clinton at (734) 354-3214.

Charter Township of Plymouth
 Installment Purchase Agreement
 Lake Pointe Soccer Park

Debt Service Report

Local Unit Name: Charter Township of Plymouth
Local Unit Code: 821070
Current Fiscal Year End Date: 12/31/2015

Debt Name: Lake Pointe Soccer Park
Issuance Date: 6/30/2003
Issuance Amount: \$1,173,773
Debt Instrument (or Type): Installment Purchase Agreement
Repayment Source(s): Governmental Funds Revenue

	Payment Date	Payment	Interest	Principal	Balance
1	9/30/2003	\$ 30,222.90	\$ 10,563.96	\$ 19,658.94	
2	12/31/2003	\$ 30,222.90	\$ 10,387.03	\$ 19,835.87	\$ 1,134,278.29
3	3/31/2004	\$ 30,222.90	\$ 10,208.50	\$ 20,014.40	
4	6/30/2004	\$ 30,222.90	\$ 10,028.38	\$ 20,194.52	
5	9/30/2004	\$ 30,222.90	\$ 9,846.62	\$ 20,376.28	
6	12/31/2004	\$ 30,222.90	\$ 9,663.24	\$ 20,559.66	\$ 1,053,133.43
7	3/31/2005	\$ 30,222.90	\$ 9,478.20	\$ 20,744.70	
8	6/30/2005	\$ 30,222.90	\$ 9,291.50	\$ 20,931.40	
9	9/30/2005	\$ 30,222.90	\$ 9,103.12	\$ 21,119.78	
10	12/31/2005	\$ 30,222.90	\$ 8,913.04	\$ 21,309.86	\$ 969,027.69
11	3/31/2006	\$ 30,222.90	\$ 8,721.25	\$ 21,501.65	
12	6/30/2006	\$ 30,222.90	\$ 8,527.73	\$ 21,695.17	
13	9/30/2006	\$ 30,222.90	\$ 8,332.48	\$ 21,890.42	
14	12/31/2006	\$ 30,222.90	\$ 8,135.46	\$ 22,087.44	\$ 881,853.01
15	3/31/2007	\$ 30,222.90	\$ 7,936.68	\$ 22,286.22	
16	6/30/2007	\$ 30,222.90	\$ 7,736.10	\$ 22,486.80	
17	9/30/2007	\$ 30,222.90	\$ 7,533.72	\$ 22,689.18	
18	12/31/2007	\$ 30,222.90	\$ 7,329.52	\$ 22,893.38	\$ 791,497.43
19	3/31/2008	\$ 30,222.90	\$ 7,123.48	\$ 23,099.42	\$ 768,398.01
20	6/30/2008	\$ 30,222.90	\$ 6,915.58	\$ 23,307.32	\$ 745,090.69
21	9/30/2008	\$ 30,222.90	\$ 6,705.82	\$ 23,517.08	\$ 721,573.61
22	12/31/2008	\$ 30,222.90	\$ 6,494.16	\$ 23,728.74	\$ 697,844.87
23	3/31/2009	\$ 30,222.90	\$ 6,280.60	\$ 23,942.30	
24	6/30/2009	\$ 30,222.90	\$ 6,065.12	\$ 24,157.78	
25	9/30/2009	\$ 30,222.90	\$ 5,847.70	\$ 24,375.20	
26	12/31/2009	\$ 30,222.90	\$ 5,628.33	\$ 24,594.57	\$ 600,775.02
27	3/31/2010	\$ 30,222.90	\$ 5,406.98	\$ 24,815.92	
28	6/30/2010	\$ 30,222.90	\$ 5,183.63	\$ 25,039.27	
29	9/30/2010	\$ 30,222.90	\$ 4,958.28	\$ 25,264.62	
30	12/31/2010	\$ 30,222.90	\$ 4,730.90	\$ 25,492.00	\$ 500,163.21
31	3/31/2011	\$ 30,222.90	\$ 4,501.47	\$ 25,721.43	
32	6/30/2011	\$ 30,222.90	\$ 4,269.98	\$ 25,952.92	
33	9/30/2011	\$ 30,222.90	\$ 4,036.40	\$ 26,186.50	
34	12/31/2011	\$ 30,222.90	\$ 3,800.72	\$ 26,422.18	\$ 395,880.18
35	3/31/2012	\$ 30,222.90	\$ 3,562.92	\$ 26,659.98	
36	6/30/2012	\$ 30,222.90	\$ 3,322.98	\$ 26,899.92	
37	9/30/2012	\$ 30,222.90	\$ 3,080.88	\$ 27,142.02	
38	12/31/2012	\$ 30,222.90	\$ 2,836.60	\$ 27,386.30	\$ 287,791.96
39	3/31/2013	\$ 30,222.90	\$ 2,590.13	\$ 27,632.77	

Charter Township of Plymouth
 Installment Purchase Agreement - Governmental Funds
 Five Mile Road Property

Debt Service Report

Local Unit Name: Charter Township of Plymouth
Local Unit Code: 821070
Current Fiscal Year End Date: 12/31/2015

Debt Name: Five Mile Land Purchase
Issuance Date: 9/11/2011
Issuance Amount: \$606,150
Debt Instrument (or Type): Installment Purchase Agreement
Repayment Source(s): Governmental Funds Revenue

Payment #	Payment Date	Payment	Interest 3.10%	Debt Issue Costs 7,000.00	Principal	Balance
						606,149.98
1	12/22/2011	17,681.90	4,697.66	191.78	12,984.24	593,165.74
2	3/22/2012	17,681.90	4,597.03		13,094.05	
3	6/22/2012	17,681.90	4,495.63		13,186.27	
4	9/22/2012	17,681.90	4,393.43		13,288.47	
5	12/22/2012	17,681.90	4,290.45	700.00	13,391.45	540,205.50
6	3/22/2013	17,681.90	4,188.89		13,493.01	
7	6/22/2013	17,681.90	4,082.02		13,599.88	
8	9/22/2013	17,681.90	3,978.96		13,702.94	
9	12/22/2013	17,681.90	3,871.60	700.00	13,810.30	485,599.37
10	3/22/2014	17,681.90	3,764.57		13,917.33	
11	6/22/2014	17,681.90	3,657.94		14,023.96	
12	9/22/2014	17,681.90	3,548.05		14,133.85	
13	12/22/2014	17,681.90	3,437.31	700.00	14,244.59	429,279.64
14	3/22/2015	17,681.90	3,326.91		14,354.99	
15	6/22/2015	17,681.90	3,216.90		14,465.00	
16	9/22/2015	17,681.90	3,103.56		14,578.34	
17	12/22/2015	17,681.90	2,990.58	700.00	14,691.32	371,189.99
18	3/22/2016	17,681.90	2,876.70		14,805.20	
19	6/22/2016	17,681.90	2,761.96		14,919.94	
20	9/22/2016	17,681.90	2,646.33		15,035.57	
21	12/22/2016	17,681.90	2,529.81	700.00	15,152.09	311,277.19
22	3/22/2017	17,681.90	2,412.38		15,269.52	
23	6/22/2017	17,681.90	2,294.04		15,387.86	
24	9/22/2017	17,681.90	2,174.78		15,507.12	
25	12/22/2017	17,681.90	2,054.60	700.00	15,627.30	249,485.39
26	3/22/2018	17,681.90	1,933.49		15,748.41	
27	6/22/2018	17,681.90	1,811.44		15,870.46	
28	9/22/2018	17,681.90	1,688.45		15,993.45	
29	12/22/2018	17,681.90	1,564.50	700.00	16,117.40	185,755.67
30	3/22/2019	17,681.90	1,439.59		16,242.31	
31	6/22/2019	17,681.90	1,313.71		16,368.19	
32	9/22/2019	17,681.90	1,186.86		16,495.04	
33	12/22/2019	17,681.90	1,059.02	700.00	16,622.88	120,027.25
34	3/22/2020	17,681.90	930.19		16,751.71	
35	6/22/2020	17,681.90	800.37		16,881.53	
36	9/22/2020	17,681.90	669.53		17,012.37	

Charter Township of Plymouth
 Installment Purchase Agreement - Governmental Funds
 Five Mile Road Property

Payment #	Payment Date	Payment	Interest 3.10%	Debt Issue Costs	Principal	Balance
				7,000.00		606,149.98
37	12/22/2020	17,681.90	537.69	700.00	17,144.21	52,237.43
38	3/22/2021	17,681.90	404.82		17,277.08	
39	6/22/2021	17,681.90	270.92		17,410.98	
40	9/22/2021	<u>17,681.90</u>	<u>135.99</u>	<u>508.22</u>	<u>17,545.91</u>	3.46
		707,276.00	101,138.66	7,000.00	606,146.52	

Charter Township of Plymouth
2004 General Obligation Bond and 2012 Refinance
Township Hall Debt

Debt Service Report

Local Unit Name: Charter Township of Plymouth
Local Unit Code: 821070
Current Fiscal Year End Date: 12/31/2015

Debt Name: Township Hall (Refinance)
Issuance Date: 12/3/2012
Issuance Amount: \$4,550,000
Debt Instrument (or Type): General Obligation Refunding Bonds
Repayment Source(s): Governmental Funds Revenue

Original Issuance Amount	4,550,000.00
Issuance Premium	331,657.85
Total Obligation	4,881,657.85

	Principal Due July 1	Interest Rate	Interest Due January 1	Interest Due July 1	Total Principal and Interest	Balance
2012						4,550,000.00
2013	90,000.00	2.00		82,044.00	242,144.00	4,460,000.00
2014	30,000.00	2.00	70,100.00	70,100.00	169,900.00	4,430,000.00
2015	330,000.00	3.00	69,800.00	69,800.00	464,650.00	4,100,000.00
2016	325,000.00	3.00	64,850.00	64,850.00	449,825.00	3,775,000.00
2017	375,000.00	1.50	59,975.00	59,975.00	492,137.50	3,400,000.00
2018	365,000.00	2.50	57,162.50	57,162.50	474,762.50	3,035,000.00
2019	410,000.00	2.00	52,600.00	52,600.00	511,100.00	2,625,000.00
2020	400,000.00	4.00	48,500.00	48,500.00	489,000.00	2,225,000.00
2021	400,000.00	2.00	40,500.00	40,500.00	477,000.00	1,825,000.00
2022	435,000.00	4.00	36,500.00	36,500.00	499,300.00	1,390,000.00
2023	435,000.00	4.00	27,800.00	27,800.00	481,900.00	955,000.00
2024	480,000.00	4.00	19,100.00	19,100.00	508,600.00	475,000.00
2025	475,000.00	4.00	9,500.00	9,500.00	484,500.00	-
	4,550,000.00		556,387.50	638,431.50	5,744,819.00	

Charter Township of Plymouth
2007 Capital Improvement Bonds
Sheldon Rd Underpass

Debt Service Report

Local Unit Name: Charter Township of Plymouth
Local Unit Code: 821070
Current Fiscal Year End Date: 12/31/2015

Debt Name: Sheldon Rd. Grade Separation Railroad Underpass
Issuance Date: 1/9/2007
Issuance Amount: \$995,000
Debt Instrument (or Type): General Obligation Bonds
Repayment Source(s): Governmental Funds Revenue

	Principal Due July 1	Interest Rate	Interest Due January 1	Interest Due July 1	Total Principal and Interest	Loan Balance
2007	-		-	20,813.75	20,813.75	995,000.00
2008	-	4.000%	20,813.75	20,813.75	41,627.50	995,000.00
2009	25,000.00	4.000%	20,813.75	20,813.75	66,627.50	970,000.00
2010	30,000.00	4.000%	20,313.75	20,313.75	70,627.50	940,000.00
2011	30,000.00	4.000%	19,713.75	19,713.75	69,427.50	910,000.00
2012	30,000.00	4.000%	19,113.75	19,113.75	68,227.50	880,000.00
2013	40,000.00	4.000%	18,513.75	18,513.75	77,027.50	840,000.00
2014	40,000.00	4.000%	17,713.75	17,713.75	75,427.50	800,000.00
2015	50,000.00	4.000%	16,913.75	16,913.75	83,827.50	750,000.00
2016	50,000.00	4.000%	15,913.75	15,913.75	81,827.50	700,000.00
2017	50,000.00	4.000%	14,913.75	14,913.75	79,827.50	650,000.00
2018	50,000.00	4.050%	13,913.75	13,913.75	77,827.50	600,000.00
2019	50,000.00	4.100%	12,901.25	12,901.25	75,802.50	550,000.00
2020	60,000.00	4.150%	11,876.25	11,876.25	83,752.50	490,000.00
2021	60,000.00	4.150%	10,631.25	10,631.25	81,262.50	430,000.00
2022	70,000.00	4.200%	9,371.25	9,371.25	88,742.50	360,000.00
2023	80,000.00	4.250%	7,883.75	7,883.75	95,767.50	280,000.00
2024	85,000.00	4.300%	6,163.75	6,163.75	97,327.50	195,000.00
2025	95,000.00	4.350%	4,315.00	4,315.00	103,630.00	100,000.00
2026	100,000.00	4.400%	2,225.00	2,225.00	104,450.00	-
	995,000.00		264,018.75	284,832.50	1,543,851.25	

Charter Township of Plymouth - Governmental Funds
 Limited Tax General Obligation Bonds, Series 2009, Dated July 1, 2009
 Twsp Park Maintenance Bldg

Local Unit Name:	Charter Township of Plymouth
Local Unit Code:	821070
Current Fiscal Year End Date:	12/31/2015
Debt Name: Township Park Maintenance Building	
Issuance Date:	7/1/2009
Issuance Amount:	\$350,000
Debt Instrument (or Type):	General Obligation Capital Improvement Bonds
Repayment Source(s):	Governmental Funds Revenue

	Principal Due July 1	Interest Rate	Interest Due January 1	Interest Due July 1	Discounts & Issue Costs	Total Principal and Interest and Amort	Loan Balance
					11,468.23		
2009		0.000%		-	286.71	7,738.50	338,818.48
2010	7,000.00	3.000%	7,738.50	7,738.50	532.45	22,372.00	332,350.93
2011	7,000.00	3.000%	7,633.50	7,633.50	546.11	22,162.00	325,897.03
2012	7,000.00	3.000%	7,528.50	7,528.50	546.11	21,952.00	329,000.00
2013	7,000.00	3.000%	7,423.50	7,423.50	546.11	21,742.00	322,000.00
2014	7,000.00	3.000%	7,318.50	7,318.50	546.11	21,532.00	315,000.00
2015	14,000.00	3.250%	7,213.50	7,213.50	546.11	28,199.50	301,000.00
2016	14,000.00	3.500%	6,986.00	6,986.00	546.11	27,727.00	287,000.00
2017	14,000.00	4.000%	6,741.00	6,741.00	546.11	27,202.00	273,000.00
2018	14,000.00	4.250%	6,461.00	6,461.00	546.11	26,624.50	259,000.00
2019	14,000.00	4.500%	6,163.50	6,163.50	546.11	26,012.00	245,000.00
2020	14,000.00	4.500%	5,848.50	5,848.50	546.11	25,382.00	231,000.00
2021	21,000.00	4.500%	5,533.50	5,533.50	546.11	31,594.50	210,000.00
2022	21,000.00	4.500%	5,061.00	5,061.00	546.11	30,649.50	189,000.00
2023	21,000.00	4.600%	4,588.50	4,588.50	546.11	29,694.00	168,000.00
2024	21,000.00	4.600%	4,105.50	4,105.50	546.11	28,728.00	147,000.00
2025	21,000.00	4.750%	3,622.50	3,622.50	546.11	27,746.25	126,000.00
2026	21,000.00	4.750%	3,123.75	3,123.75	546.11	26,748.75	105,000.00
2027	21,000.00	5.000%	2,625.00	2,625.00	546.11	25,725.00	84,000.00
2028	28,000.00	5.000%	2,100.00	2,100.00	546.11	31,500.00	56,000.00
2029	28,000.00	5.000%	1,400.00	1,400.00	546.11	30,100.00	28,000.00
2030	28,000.00	5.000%	700.00	700.00	273.05	28,700.00	(0.00)
	350,000.00		109,915.75	109,915.75	11,468.23	569,831.50	

Charter Township of Plymouth - Water Sewer Fund
 Limited Tax General Obligation Bonds, Series 2009, Dated July 1, 2009
 Sewer Rehabilitation Projects

Debt Service Report

Local Unit Name: Charter Township of Plymouth
 Local Unit Code: 821070
 Current Fiscal Year End Date: 12/31/2015

Debt Name: Water Sewer Fund - Cap Improvement Projects
 Issuance Date: 7/1/2009
 Issuance Amount: \$2,150,000
 Debt Instrument (or Type): General Obligation Capital Improvement Bonds
 Repayment Source(s): Water Sewer Fund Revenues

	Principal Due July 1	Interest Rate	Interest Due January 1	Interest Due July 1	Discounts & Issue Costs	Total Principal and Interest	Loan Balance 2,150,000.00
					70,447.70		
2009		0.000%	-	-	1,761.20	-	2,081,313.50
2010	43,000.00	3.000%	47,536.50	47,536.50	3,270.78	138,073.00	2,041,584.28
2011	43,000.00	3.000%	46,891.50	46,891.50	3,354.65	136,783.00	2,001,938.93
2012	43,000.00	3.000%	46,246.50	46,246.50	3,354.65	135,493.00	2,021,000.00
2013	43,000.00	3.000%	45,601.50	45,601.50	3,354.65	134,203.00	1,978,000.00
2014	43,000.00	3.000%	44,956.50	44,956.50	3,354.65	132,913.00	1,935,000.00
2015	86,000.00	3.250%	44,311.50	44,311.50	3,354.65	174,623.00	1,849,000.00
2016	86,000.00	3.500%	42,914.00	42,914.00	3,354.65	171,828.00	1,763,000.00
2017	86,000.00	4.000%	41,409.00	41,409.00	3,354.65	168,818.00	1,677,000.00
2018	86,000.00	4.250%	39,689.00	39,689.00	3,354.65	165,378.00	1,591,000.00
2019	86,000.00	4.500%	37,861.50	37,861.50	3,354.65	161,723.00	1,505,000.00
2020	86,000.00	4.500%	35,926.50	35,926.50	3,354.65	157,853.00	1,419,000.00
2021	129,000.00	4.500%	33,991.50	33,991.50	3,354.65	196,983.00	1,290,000.00
2022	129,000.00	4.500%	31,089.00	31,089.00	3,354.65	191,178.00	1,161,000.00
2023	129,000.00	4.600%	28,186.50	28,186.50	3,354.65	185,373.00	1,032,000.00
2024	129,000.00	4.600%	25,219.50	25,219.50	3,354.65	179,439.00	903,000.00
2025	129,000.00	4.750%	22,252.50	22,252.50	3,354.65	173,505.00	774,000.00
2026	129,000.00	4.750%	19,188.75	19,188.75	3,354.65	167,377.50	645,000.00
2027	129,000.00	5.000%	16,125.00	16,125.00	3,354.65	161,250.00	516,000.00
2028	172,000.00	5.000%	12,900.00	12,900.00	3,354.65	197,800.00	344,000.00
2029	172,000.00	5.000%	8,600.00	8,600.00	3,354.65	189,200.00	172,000.00
2030	172,000.00	5.000%	4,300.00	4,300.00	1,677.33	180,600.00	(0.00)
	2,150,000.00		675,196.75	675,196.75	70,447.70	3,500,393.50	

Charter Township of Plymouth
 Installment Purchase Agreement - Business Type Activities - Water Sewer Fund
 Vactor Truck

Debt Service Report

Local Unit Name: Charter Township of Plymouth
Local Unit Code: 821070
Current Fiscal Year End Date: 12/31/2015

Debt Name: Water Sewer Fund - Vactor Truck
Issuance Date: 3/26/2011
Issuance Amount: \$321,221
Debt Instrument (or Type): Installment Purchase Agreement
Repayment Source(s): Water Sewer Fund Revenues

Payment #	Payment Date	Payment	Interest 2.65%	Debt Issue Costs	Principal	Balance
				1,800.00		321,221.00
1	6/22/2011	12,606.95	2,128.09		10,478.86	
2	9/22/2011	12,606.95	2,057.12		10,549.83	
3	12/22/2011	12,606.95	1,988.78	200.08	10,618.17	289,574.14
4	3/22/2012	12,606.95	1,911.99		10,694.96	
5	6/22/2012	12,606.95	1,847.63		10,759.32	
6	9/22/2012	12,606.95	1,776.35		10,830.60	
7	12/22/2012	12,606.95	1,704.59	257.14	10,902.36	246,386.90
8	3/22/2013	12,606.95	1,633.91		10,973.04	
9	6/22/2013	12,606.95	1,559.61		11,047.34	
10	9/22/2013	12,606.95	1,488.05		11,118.90	
11	12/22/2013	12,606.95	1,413.58	257.14	11,193.37	202,054.25
12	3/22/2014	12,606.95	1,339.43		11,267.52	
13	6/22/2014	12,606.95	1,265.62		11,341.33	
14	9/22/2014	12,606.95	1,189.65		11,417.30	
15	12/22/2014	12,606.95	1,113.18	257.14	11,493.77	156,534.33
16	3/22/2015	12,606.95	1,037.01		11,569.94	
17	6/22/2015	12,606.95	961.24		11,645.71	
18	9/22/2015	12,606.95	883.23		11,723.72	
19	12/22/2015	12,606.95	805.56	257.14	11,801.39	109,793.57
20	3/22/2016	12,606.95	727.36		11,879.59	
21	6/22/2016	12,606.95	648.68		11,958.27	
22	9/22/2016	12,606.95	569.46		12,037.49	
23	12/22/2016	12,606.95	489.71	257.14	12,117.24	61,800.98
24	3/22/2017	12,606.95	409.43		12,197.52	
25	6/22/2017	12,606.95	328.62		12,278.33	
26	9/22/2017	12,606.95	247.28		12,359.67	
27	12/22/2017	12,606.95	165.40	257.14	12,441.55	12,523.91
28	3/22/2018	12,606.95	82.97	57.06	12,523.98	
		352,994.60	31,773.53	1,800.00	321,221.07	

Charter Township of Plymouth
 Installment Purchase Agreement - Business Type Activities - Golf Course Fund
 Equipment Purchases

Debt Service Report

Local Unit Name: Charter Township of Plymouth
Local Unit Code: 821070
Current Fiscal Year End Date: 12/31/2015

Debt Name: Golf Course- Carts and Course Maintenance
Issuance Date: 4/20/2011
Issuance Amount: \$452,417
Debt Instrument (or Type): Installment Purchase Agreement
Repayment Source(s): Golf Course Fund Revenue

Payment #	Payment Date	Payment	Interest 2.85%	Principal	Balance
					452,417.46
1	7/20/2011	17,880.36	3,223.47	14,656.89	
2	10/20/2011	17,880.36	3,119.04	14,761.32	422,999.25
3	1/20/2012	17,880.36	3,023.22	14,857.14	
4	4/20/2012	17,880.36	2,906.83	14,973.53	
5	7/20/2012	17,880.36	2,801.32	15,079.04	
6	10/20/2012	17,880.36	2,698.65	15,181.71	362,907.83
7	1/20/2013	17,880.36	2,596.53	15,283.83	
8	4/20/2013	17,880.36	2,476.82	15,403.54	
9	7/20/2013	17,880.36	2,369.50	15,510.86	
10	10/20/2013	17,880.36	2,259.02	15,621.34	301,088.26
11	1/20/2014	17,880.36	2,146.48	15,733.88	
12	4/20/2014	17,880.36	2,034.39	15,845.97	
13	7/20/2014	17,880.36	1,921.50	15,958.86	
14	10/20/2014	17,880.36	1,807.79	16,072.57	237,476.98
15	1/20/2015	17,880.36	1,692.02	16,188.34	
16	4/20/2015	17,880.36	1,576.68	16,303.68	
17	7/20/2015	17,880.36	1,460.51	16,419.85	
18	10/20/2015	17,880.36	1,343.52	16,536.84	172,028.27
19	1/20/2016	17,880.36	1,225.44	16,654.92	
20	4/20/2016	17,880.36	1,106.78	16,773.58	
21	7/20/2016	17,880.36	987.26	16,893.10	
22	10/20/2016	17,880.36	866.90	17,013.46	104,693.21
23	1/20/2017	17,880.36	745.68	17,134.68	
24	4/20/2017	17,880.36	623.60	17,256.76	

Charter Township of Plymouth
 Installment Purchase Agreement - Business Type Activities - Golf Course Fund
 Equipment Purchases

25	7/20/2017	17,880.36	500.64	17,379.72	
26	10/20/2017	17,880.36	376.81	17,503.55	35,418.50
27	1/20/2018	17,880.36	252.10	17,628.26	
28	4/20/2018	17,880.36	126.50	17,754.01	36.31
		<u>500,650.08</u>	<u>48,269.00</u>	<u>452,381.23</u>	

Charter Township of Plymouth
 Capital Improvement Bonds - Business Type Activities
 Capital Improvements

Debt Service Report

Local Unit Name: Charter Township of Plymouth
 Local Unit Code: 821070
 Current Fiscal Year End Date: 12/31/2015

Debt Name: **2013 Capital Improvement Bonds**
 Issuance Date: 12/17/2013
 Issuance Amount: \$1,900,000
 Debt Instrument (or Type): Capital Improvement Bonds
 Repayment Source(s): Governmental, Water & Sewer, Golf Course Fund Revenue

	Principal Due July 1	Interest Rate	Interest Due January 1	Interest Due July 1	Total Principal and Interest	Balance
2013						1,900,000.00
2014	-	2.16%		22,116.00	22,116.00	1,900,000.00
2015	160,000.00	2.16%	20,520.00	20,520.00	201,040.00	1,740,000.00
2016	170,000.00	2.16%	18,792.00	18,792.00	207,584.00	1,570,000.00
2017	175,000.00	2.16%	16,956.00	16,956.00	208,912.00	1,395,000.00
2018	180,000.00	2.16%	15,066.00	15,066.00	210,132.00	1,215,000.00
2019	185,000.00	2.16%	13,122.00	13,122.00	211,244.00	1,030,000.00
2020	190,000.00	2.16%	11,124.00	11,124.00	212,248.00	840,000.00
2021	200,000.00	2.16%	9,072.00	9,072.00	218,144.00	640,000.00
2022	205,000.00	2.16%	6,912.00	6,912.00	218,824.00	435,000.00
2023	215,000.00	2.16%	4,698.00	4,698.00	224,396.00	220,000.00
2024	220,000.00	2.16%	2,376.00	2,376.00	224,752.00	-
	1,900,000.00		118,638.00	140,754.00	2,159,392.00	